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BOARD OF TRADE

FINAL REPORT
on the
CENSUS OF PRODUCTION
FOR 1948

Volume 11

Trade I

PLASTIC GOODS AND FANCY ARTICLES



*Presented by the Board of Trade to Parliament
in pursuance of the Statistics of Trade Act, 1947
(10 & 11 Geo. 6, Ch. 39, Sec. 7).*

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In interpreting the data in the following tables, it is essential to bear in mind not only the qualifications mentioned in this report but also the general explanations and qualifications contained in the separate booklet published in this series by H.M. Stationery Office entitled "Final Reports of the Census of Production for 1948: Introductory Notes", price 2s Od. NET

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* Not applicable to this trade

PLASTIC GOODS AND FANCY ARTICLES TRADE

THIS REPORT on the Plastic Goods and Fancy Articles Trade relates to establishments engaged wholly or mainly in the manufacture of electrical and mechanical components from plastic materials, hard haberdashery (except metal), smokers' requisites, lampshades (except glass), toilet requisites and other fancy articles (except leather). The manufacture of complete accessories and fittings wholly or partly of plastic materials for the Motor Vehicle and Cycle, Mechanical and Electrical Engineering, Radio and Telecommunication, Scientific, Surgical and Photographic Instruments and Watch and Clock Trades is, so far as has been found practicable, excluded. Establishments specialising in the manufacture of lampshades other than of glass were not covered by the 1937 Inquiry: Table I gives as well as full totals for 1935, figures for that year relating to the sections of the trade included in the 1937 Inquiry.

This trade corresponds to minimum list heading 199(1) and part of 199(3) in the Standard Industrial Classification.

Any establishments in this trade in Northern Ireland are excluded in 1948. Owing to the risk of disclosure of information relating to individual firms, separate particulars of the very small output in Northern Ireland were not published for 1935.

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11/I/2

OTHER MANUFACTURING INDUSTRIES
PLASTIC GOODS AND FANCY ARTICLES TRADE

Summary
Larger establishments

TABLE 1

	All sections of the trade	Sections of the trade covered by the 1937 Inquiry		All sections of the trade
	1948 (a)	1937 (b)	1935 (b)	1935 (b)
Gross output (production)	£'000 27,705	£'000 5,201	£'000 4,594	£'000 4,965
Cost of materials and fuel used	12,484	2,278	2,003	2,150
Payment for work done on materials given out	264	17	27	27
Net output	14,957	2,906	2,564	2,788
Wages and salaries of persons employed	9,258	..	..	..
Average number of persons employed (c)	No. 34,576(d)	No. 17,523	No. 16,975	No. 18,654
Net output per person employed (c)	£ 433	£ 166	£ 151	£ 149
Stocks at end of year	£'000	£'000	£'000	£'000
Finished products and work in progress	2,175	..	..	..
Materials and fuel	3,338	..	..	..
Number of establishments	No. 470	No. ..	No. 286	No. 323

- (a) Great Britain only.
- (b) United Kingdom.
- (c) Excluding outworkers.
- (d) For an estimate of the total number of persons employed in this trade see Table 3.

The values of gross output and of materials and fuel used are derived in the following way:-

	All sections of the trade	Sections of the trade covered by the 1937 Inquiry		All sections of the trade
	1948	1937	1935	1935
Output of firms in this trade	£'000	£'000	£'000	£'000
Total value of sales (1948) or production (1937 and 1935)				
Principal products (see Table 8)	20,719	4,903	4,594	4,666
Other output (see Table 10)	6,762	298			299
Adjustment for changes in stocks and work in progress (see Table 14)	+ 343			
Less payment for transport by other firms	27,824 119	5,201	4,594	4,965
Gross output (production)	27,705	5,201	4,594	4,965
Materials and fuel used by firms in this trade				
Purchases (see Table 13)	12,522	2,278	2,003	2,150
Adjustment for changes in stocks (see Table 14)	- 38			
Materials and fuel used	12,484	2,278	2,003	2,150

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PLASTIC GOODS AND FANCY ARTICLES

11/I/3

Summary, 1948
Small firms in Great Britain

TABLE 2

Number of returns	522
Average number of persons employed (a)	
Males	1,443
Females	1,471
Total	2,914

(a) Including working proprietors.

Estimated average employment, 1948

All firms in Great Britain

TABLE 3

As returned by firms	
Employing on average more than ten persons (a)	34,576
Employing on average ten persons or less (b)	2,914
Estimated average employment in firms not making satisfactory returns	37,490
Estimated average employment in all firms	639
Estimated average employment in all firms	38,129

- (a) See Tables 1 and 15.
- (b) See Table 2.

Analysis by size, 1948

Larger establishments in Great Britain

TABLE 4

Average number employed	Establishments	Gross output	Net output	Persons employed	Remuneration			Net output per person employed
					Wages	Salaries	Total	
	No.	£'000	£'000	No.	£'000	£'000	£'000	£
11-24	183	2,527	1,424	3,212	566	219	785	445
25-49	122	3,563	1,861	4,232	813	280	1,092	440
50-99	88	5,019	2,819	6,145	1,230	378	1,608	459
100-199	46	5,200	2,784	6,368	1,230	436	1,666	437
200-299	14	2,917	1,622	3,325	717	187	904	488
300-399	3	738	425	1,114	213	87	300	381
400-499	5	1,485	856	2,125	452	141	593	403
500-749	4	2,073	1,202	2,664	638	176	814	451
750 and over	5	4,183	1,964	5,391	1,146	349	1,495	364
Total	470	27,705	14,957	34,576	7,005	2,253	9,258	433

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Analysis by standard region, 1948

Larger establishments in Great Britain

TABLE 5

Region	Establishments	Gross output	Net output		Persons employed	Remuneration		
			Value	Percentage of total		Wages	Salaries	Total
England	No.	£'000	£'000		No.	£'000	£'000	£'000
Northern	17	1,885	832	5.6	2,323	415	133	548
East and West Ridings of Yorkshire	33	1,765	1,023	6.8	2,477	505	134	638
North Midland	22	714	393	2.6	875	167	46	213
Eastern	31	2,053	1,037	6.9	2,609	566	163	729
London and South Eastern	217	12,190	6,544	43.8	14,857	3,118	1,030	4,148
Southern	14	595	295	2.0	703	126	50	175
South Western	11	459	278	1.9	550	106	35	141
Midland	65	3,909	2,203	14.7	4,792	977	319	1,296
North Western	36	2,842	1,653	11.0	3,551	698	231	928
Total England	446	26,412	14,258	95.3	32,737	6,677	2,140	8,818
Wales	11	794	426	2.8	1,088	193	69	262
Scotland	13	499	273	1.8	751	135	44	179
Great Britain	470	27,705	14,957	100.0	34,576	7,005	2,253	9,258

Analysis according to specialisation within the trade, 1948

Larger establishments in Great Britain

TABLE 6

	Establishments	Gross output	Sales of characteristic products	Net output	Persons employed	Remuneration			Net output per person employed
						Wages	Salaries	Total	
Specialist producers of plastic goods	No.	£'000	£'000	£'000	No.	£'000	£'000	£'000	£
	305	22,117	21,942	11,776	26,490	5,567	1,750	7,317	445
Remainder of the trade	165	5,588		3,181	8,086	1,438	503	1,941	393
Total	470	27,705		14,957	34,576	7,005	2,253	9,258	433

TABLE 7 - Total make of intermediate products: Larger establishments

This table is not applicable to the trade.

Sales (or production) of the principal products of the trade, including sales (or production) of these products by establishments classified to other trades

Larger establishments

TABLE 8

	1948 (a) Sales			1937 (b) Production		1935 (b) Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
Buttons	Th. gross	£'000	No.	Th. gross	£'000	Th. gross	£'000
Of plastic materials							
Moulded	5,584	771	36	2,150	459 (c)	2,409	519 (c)
Fabricated	5,151	1,788	64				
Of dum or corozo	1,801	255	9	3,407	159 (d)	2,448	144 (d)
Of horn or bone	162	79	8	269	24	256	22
Of mother of pearl and other nacreous shell	203	142	11	190	51	194	46
Of other materials (except metal or glass) (e)	398 ..	99 25	22	257	35 (f)	359	25 (f)
Total buttons	13,299 ..	3,134 25						..	6,273	728	5,666	756
Hair combs (g)							
Of plastic materials							
Moulded	555 ..	857 209	38	188	172	171	146
Fabricated	44	171						6
Of other materials	19 ..	75 10	..				
Total hair combs	618 ..	1,104 219	..	188	172	171	146
Lampshades and reflectors (except for motors or cycles)							
Of plastic materials							
Moulded	18.4 ..	108 13	24	..	81 (f) (h)	3.6 ..	159 (f) 224
Fabricated	6.5 ..	414 85						32
Of textile materials	2.5 ..	62 29	14				
Of other materials (except glass) (i)	12.3 ..	172 82	21				

TABLE 8 (contd.)

	1948 (a) Sales			1937 (b) Production		1935 (b) Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
	Th. gross	£'000	No.	Th. gross	£'000	Th. gross	£'000
Toilet requisites							
Powder puffs	73.0	146	12				
	..	21					
Powder compacts, including parts thereof (j)	..	476	29				
Toilet containers (e.g., powder bowls, denture baths, soap cases, boxes) and parts thereof				..	138	..	138(f)
Of plastic materials	..	317	47				
Of other materials (except glass) (k)	..	71	10				
Toilet and sponge bags	18.4	138	14	..	47(f)	..	57(f)
Other toilet requisites	..	313	43	..	(1)	..	(1)
Smokers' requisites							
Pipes for smoking tobacco							
Of plastic materials	0.3	5	..	40.9	459	38.8	424
Of other materials (except clay) (m)	18.3	854	17				
Cigarette and cigar holders (of plastic and other materials)	1.9	29	15	0.3	10	0.4	9
Parts of tobacco pipes and of cigar or cigarette holders							
Of plastic materials	..	3	..	..	10	..	9
Of other materials	..	105	..				
Cigarette (and cigar) cases (j), tobacco pouches and linings thereof (n)	..	40	16				
Other smokers' requisites (e.g., cigarette boxes, ash trays)				..	(1)	..	(1)
Of plastic materials	..	54	41				
Of other materials	..	104	23				
Cases for jewellery, cutlery, spectacles, etc.							
Of plastic materials	Cwts. 599	20	12				
	..	5					
Of wood	..	261	26				

TABLE 8 (contd.)

	1948 (a) Sales			1937 (b) Production		1935 (b) Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
	Cwts.	£'000	No.	Cwts.	£'000		£'000
Cases for jewellery, cutlery, spectacles, etc. (contd.)							
Of metal	8,100	185	8	..	535	..	502
	..	97					
Of other materials	..	155	25				
Unclassified	..	135	12				
Caps and other closures for bottles, jars and tubes							
Of plastic materials	34,244	941	46	..	179	..	128
	..	423					
Of other materials (except metal)	-	-	..				
Display fittings and advertising novelties							
Of plastic materials	..	242	51	..	152	..	235(f)
Of other materials	..	121	14					(f) (h)
Horn, ivory, bone, mother of pearl, etc., cut, turned and polished	991	31	6	941	7	..	34
	..	39						23
Picture and photograph frames							
Of plastic materials	..	41	11	..	87(f)	..	91(f)
Of other materials (except wood) (o)	..	77	9				
Ladies' handbags, pochettes, and sling bags, wholly or mainly of textile materials (including parts of handbags, etc.)	Th. gross			Th. gross			
	..	94	15	12.0	43	..	(1)
				..	22		
Haberdashery and accessories (except buttons) and components of plastic materials							
Knitting needles (including knitting pins)	117.2	116	13	..		..
	..	41					
Crochet hooks	4.9	4	5				
Hair pins and slides (including hair curlers and wavers)	356.9	223	20	..	(1)	..	(1)
	..	84					
Collar studs	117.1	45	6				
Belts, braces, and parts thereof (other than buckles)	..	49	7				

TABLE 8 (contd.)

	1948 (a) Sales			1937 (b) Production		1935 (b) Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
	Th. gross	£'000	No.		£'000		£'000
Haberdashery and accessories (except buttons) and components of plastic materials (contd.)							
Buckles	61.5	91	26				
Thimbles	22.7	6	6				
Snap and slide fasteners	7.1 ..	4 6	8				
Other descriptions of haberdashery, etc., including suspender fittings of plastic materials	..	106	24				
Beads and bead trimmings	Th. lbs. 2.6	9	7	..	(1)	..	(1)
Articles of plastic materials for the preparation and serving of food (including drink)	..	1,525	99				
Furniture and parts thereof of plastic materials							
For office and domestic use	..	70	21				
Other descriptions	..	59	8				
Fancy goods, not elsewhere specified							
Of plastic materials (other than of leathercloth)	..	389	59	..	894	..	886
Of textile materials	..	152	20	..	95	..	162
Of ivory, bone, horn, amber, jet, mother-of-pearl and other nacreous shell, etc., and of other materials	..	280	30	..	348	..	437
Unclassified	..	96	23	-	-	-	-
Components and semi-manufactured goods, wholly or partly of plastic materials (p)							
For the Electrical, Radio and Musical Industries	Th. tons			Th. tons		Th. tons	
Electrical insulating materials of synthetic resins	1.4 ..	559 187	22	0.3 ..	98 43	0.2 ..	63 95
Battery cases	5.0 ..	139 62	12				
Radio cabinets	Thous. 878.1 ..	470 128	15				

TABLE 8 (contd.)

	1948 (a) Sales			1937 (b) Production		1935 (b) Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
		£'000	No.		£'000		£'000
Components and semi-manufactured goods, wholly or partly of plastic materials (p) (contd.)							
For the Electrical, Radio and Musical Industries (contd.)							
Radio valve components	..	50	10				
Other electrical etc. goods, except torch cases, telephone instruments and components, electrical apparatus, and lighting and wiring accessories (e.g., fittings, plugs, sockets) (q)	..	2,148	104				
For the Optical, Scientific Instruments and Clock Trades (except spectacle and eyeglass frames and mountings; lenses not optically worked; photographic apparatus and parts, and clock cases) (s)	..	136	28				
For the Motor and Cycle Trade	..	762	55	..	2,189(r)	..	1,592(r)
For the Mechanical Engineering Trade	..	338	48				
Furnishing hardware (e.g., bathroom fittings, door furniture, sanitary ware)	..	1,116	52				
Handles and knobs, not elsewhere specified							
Cutlery handles	..	91	10				
Other handles and knobs, (except umbrella handles, ferrules, etc.)	..	648	76				
Technical mouldings, fabricated materials, and components, not elsewhere specified	..	1,389	79				
Other miscellaneous components and semi-manufactured goods, not elsewhere specified	..	869	75				
Vulcanised fibre articles, not elsewhere specified	..	225	12			Th. cwts. 2.9 ..	52 21 ..
						Th. cwts. 2.9 ..	40 20 ..

TABLE 8 (contd.)

	1948 (a) Sales		1937 (b) Production		1935 (b) Production		
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
Lighter fuel in capsules and in bottles (f)	..	£'000 147	No. 7	-	-	-	-
Other and unclassified goods of plastic materials	..	1,362	..	..	10	..	23
Waste products, other than scrap metal	..	66	71	-	-	-	-
Repair work (t)		46	44		11		10
Work done for the trade or on commission (t)		300	37		56		42
Total		25,586	..		6,510		6,282
Less sales (or production) in other trades (see Table 9)		4,867	..		1,607		1,616
Total principal products of this trade sold or made by establishments in the trade		20,719	435		4,903		4,666

(a) Great Britain only.

(b) United Kingdom.

(c) Of casein, celluloid, xylonite, and the like.

(d) Corozo buttons only.

(e) For metal and glass buttons see the Needles, Pins, Fish Hooks and Metal Smallwares Trades (Volume 5, Trade G) and the Glass (Other than Containers) Trade (Volume 1, Trade I).

(f) So far as recorded separately.

(g) Except metal.

(h) Firms not covered by the 1937 Inquiry recorded the following output in 1935:-

	Th.gross	£'000
Lampshades	{ 3.6	159
	{ ..	214
Display fittings	..	50

(i) For glass lampshades see the Glass (Other than containers) Trade (Volume 1, Trade I).

(j) Other than of precious metals, for which see the Jewellery and Plate Trade (Volume 5, Trade J).

(k) For glass containers see the Glass Containers Trade (Volume 1, Trade H).

(l) Not recorded separately.

(m) For clay tobacco pipes see the China and Earthenware Trade (Volume 1, Trade G).

(n) Other than of rubber and leather, for which see the Rubber Trade (Volume 11, Trade A) and the Leather Goods Trade (Volume 7, Trade F).

(o) For picture and photograph frames of wood see the Timber Trade (Volume 10, Trade A).

(p) Excluding complete accessories and fittings which have, so far as possible, been classified as principal products of other trades (see Table 10).

(q) For telephone instruments and components see the Radio and Telecommunications Trade (Volume 4, Trade M); for lighting and wiring accessories, the Electric Lighting Accessories and Fittings Trade (Volume 4, Trade O); for torch cases and other electrical apparatus, the Electrical Engineering (General) Trade (Volume 4, Trade K).

(r) Described as "Plastic mouldings and the like, other than sheets, rods, tubes, etc., not elsewhere specified".

(s) For spectacles, lenses and other optical and photographic apparatus and fittings see the Scientific, Surgical, and Photographic Instruments Trade (Volume 5, Trade H); for clocks and parts thereof, the Watch and Clock Trade (Volume 5, Trade I).

(t) Amount charged in 1948 and amount received in 1937 and 1935.

Sales (or production) of principal products of the trade by establishments classified to other trades

Larger establishments

TABLE 9

	1948 (a) Sales		1937 (b) Production		1935 (b) Production		
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
	Th.gross	£'000	No.	Th.gross	£'000	Th.gross	£'000
Buttons							
Of plastic materials							
Moulded	245	39	7	165	33	863	87
Fabricated	242	86	6				
Of dum or corozo	448	67	..	1,795	70		
Of other materials (except metal or glass)	{ 80	{ 24	{ 14	330	40	436	35
	{ ..	{ 3	{ ..				
Total buttons	{ 1,015	{ 216	{ ..	2,290	143	1,299	122
	{ ..	{ 3	{ ..				
Hair combs	{ 30	{ 88	{ 6	105	94	101	80
	{ ..	{ 64	{ ..				
Lampshades and reflectors (except for motors or cycles)							
Of moulded plastic or textile materials	{ 1.1	{ 7	{ 8	..	(c)	6	4
	{ ..	{ 7	{ ..				
Of other materials (except glass)	{ ..	{ 61	{ ..			..	36
Toilet requisites							
Toilet containers, (e.g., powder bowls, denture baths, soap cases, boxes) and parts thereof of plastic and other materials (except glass)	..	39	6	..	1	..	19
Toilet and sponge bags	4.4	67	6	..	47	..	57
Other toilet requisites	{ 2.5	{ 4	{ 11	-	-	-	-
	{ ..	{ 78	{ ..				
Smokers' requisites							
Pipes for smoking tobacco (except clay pipes)	-	-	..	1.0	13	-	-
Cigarette (and cigar) cases, tobacco pouches and linings thereof	..	8	..	-	-	-	-
Other smokers' requisites of plastic and other materials	..	83	..	-	-	-	-

TABLE 9 (contd.)

	1948 (a) Sales			1937 (b) Production		1935 (b) Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
	Cwts.	£'000	No.		£'000		£'000
Cases for jewellery, cutlery, spectacles, etc.							
Of wood	..	51	16	..	72	..	72
Of metal and other materials (except plastic)	..	103	18				
Unclassified	..	40	7				
Caps and other closures for bottles, jars and tubes, of plastic materials	2,852 ..	50 235	6	..	65	..	36
Display fittings and advertising novelties, including picture and photograph frames of plastic and other materials (except wood)	..	47	14	..	58	..	117
Ladies' handbags, pochettes and sling bags, wholly or mainly of textile materials (including parts of handbags, etc.)	..	27	11	..	(c)	..	(c)
Haberdashery and accessories (except buttons), and components of plastic materials							
Knitting needles (including knitting pins)	Th. gross 57.1 ..	47 40	7	-	-	-	-
Other descriptions of haberdashery, etc., of plastic materials	74.8 ..	38 57	15	-	-	-	-
Articles of plastic materials for the preparation and serving of food (including drink)	..	99	12	-	-	-	-
Furniture and parts thereof of plastic materials, for office and domestic use	..	26	7	-	-	-	-
Fancy goods, not elsewhere specified							
Of plastic materials (other than of leathercloth)	..	83	18	..	368	..	366
Of textile materials	..	53	14	..	10(d)	..	28(d)
Of ivory, bone, horn, amber, jet, mother of pearl and other nacreous shell, etc., and of other materials	..	18(e)	6	..	162	..	180
Unclassified	..	81	22	-	-	-	-

TABLE 9 (contd.)

	1948 (a) Sales			1937 (b) Production		1935 (b) Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
		£'000	No.		£'000		£'000
Components and semi-manufactured goods, wholly or partly of plastic materials							
For the Electrical, Radio and Musical Industries	..	974	45	..	502	..	447
For the Optical, Scientific Instruments and Clock Trades (except spectacle and eyeglass frames and mountings; lenses not optically worked; photographic apparatus and parts, and clock cases) and for the Motor and Cycle Trade	..	8	7				
For the Mechanical Engineering Trade	..	16	5				
Furnishing hardware (e.g., bathroom fittings, door furniture, sanitary ware)	..	63	6				
Handles and knobs (except umbrella handles, ferrules, etc.), not elsewhere specified	..	74	11				
Technical mouldings, fabricated materials and components, not elsewhere specified	..	678	27				
Other miscellaneous components and semi-manufactured goods, not elsewhere specified	..	266	22				
Vulcanised fibre articles not elsewhere specified	..	128	6	Th. cwts. 2.9 ..	52 20	Th. cwts. 2.9 ..	40 12
Other and unclassified goods of plastic materials	..	697	..	-	-	-	-
Repair work and work done for the trade or on commission		125(f)	13		-		-
Total		4,867	..		1,607		1,616

- (a) Great Britain only.
(b) United Kingdom.
(c) Not recorded separately.
(d) Includes ladies' handbags of textile materials.
(e) Includes some horn, etc., cut, turned, or polished.
(f) Amount charged.

Sales (or production) in the trade of other than principal products

Larger establishments

TABLE 10

	1948 (a) Sales		1937 (b) Production	1935 (b) Production
	Quantity	Value	Value	Value
	Th. cwts.	£'000	£'000	£'000
Plastic materials (sheet, rod, tube, solid and liquid resins, etc.)	26.1	559	34(c)	16(c)
	..	182	(5,800 cwts.)	(3,500 cwts.)
Manufactures of leather or materials resembling leather	..	68	77	66
Cardboard boxes, stationery and other paper goods	1.7	28	9(d)	18(d)
	..	19		
Furniture, cabinetware, boxes, cases, etc., of timber	..	110	28	44
Chemical manufactures, other than plastic materials	..	126		
Toys and games	..	1,390		
Sports requisites	..	213		
Brushes and brooms	Th. doz. 510	404		
	..	47		
Pens, pencils and other stationers' goods	..	508		
Components, accessories, fittings, etc., wholly or partly of plastic materials				
Telephone instruments and components	..	665		
Lighting and wiring accessories and fittings	..	320		
Other electrical apparatus and fittings	..	225		
Parts and accessories for the Aircraft Trade	..	178		
Parts and accessories for the Motor and Cycle Trade	..	124	150	155
Machinery parts and other engineering products	..	205		

TABLE 10 (contd.)

	1948 (a) Sales		1937 (b) Production	1935 (b) Production
	Quantity	Value	Value	Value
		£'000	£'000	£'000
Components, accessories, fittings, etc., wholly or partly of plastic materials (contd.)				
Optical and scientific instruments and appliances, and photographic apparatus	..	145		
Clock cases, jewellery (gem set or not) and parts	..	138		
Other and unclassified goods wholly or partly of plastic materials	..	236		
Manufactures of rubber, vulcanite and ebonite	..	251		
Other goods, wholly or mainly of metal	..	321		
Other and unclassified manufactures	..	142		
Scrap metal and waste steam sold	..	76		
Work done		84 (e)		
Total		6,762	298	299

(a) Great Britain only.

(b) United Kingdom.

(c) Described as "Synthetic resins".

(d) Boxes and cartons of papers or cardboard.

(e) Amount charged.

Analysis of sales, 1948

Larger establishments in Great Britain

TABLE 11

	Sales	Percentage of total sales
	£'000	
Sales (or transfers) to other organisations under the same control		
Productive works	697	2.6
Export sales organisations (including branches abroad)	234	0.9
Other wholesale or selling organisations	1,352	5.0
Retail shops, etc.	17	0.1
Total sales (or transfers) to other organisations under the same control	2,300	8.5
Sales to independent buyers		
Exports invoiced directly overseas	1,571	5.8
Exports invoiced to Crown Agents and purchasing houses in this country of individual firms and governments abroad	296	1.1
His Majesty's Government and Local Authorities (other than protective establishments)	464	1.7
Manufacturers, repairers, builders, mines, public utilities, and transport and other productive undertakings	8,835	32.5
Wholesalers, merchants, and other agents for resale	9,245 (a)	34.0
Retailers, including multiple shops, caterers, and N. A. F. F. I., for resale	3,155	11.6
Other businesses (including farmers) and institutions of all kinds	169	0.6
Members of the public, including employees	36	0.1
Unclassified	1,108	4.1
Total sales to independent buyers	24,877	91.5
Total	27,177	100.0

(a) Of this total £7,353,000 was recorded as divided between £1,677,000 for export and £5,676,000 for other sales.

Production, exports and imports of certain principal products (a)

TABLE 12

		Production (b) (c)	Exports (d)	Retained imports (e)
		Th. gross	Th. gross	Th. gross
Buttons				
Of horn or bone	1948	162	84	4
Of mother of pearl and other nacreous shell	1948	203	17	754
Total of horn, bone, or mother of pearl and other nacreous shell	{ 1948 1937	{ 365 459	{ 101 116	{ 758 716
Of plastic materials	1948	10,734	824	108
Of dun or corozo	1948	1,801	59	1,192
Total of plastic materials, dun or corozo	{ 1948 1937	{ 12,536 5,557	{ 882 126(f)	{ 1,300 7,049(f)
Of other materials (except metal and glass)	{ 1948 1937	{ 499(g) 257	{ 239(f) 287	{ 567(f) 5,512
Hair combs				
Of plastic materials	1948	735(g)	72(h)	2
Of other materials	1948	22(g)(1)	20(h)	
Total hair combs	{ 1948 1937	{ 757(g)(1) 188(1)	{ 92(h) 37	{ 2 96
		£'000	£'000	£'000
Lampshades and reflectors (except for motors or cycles), other than of glass	1948	966 Th. doz.	92(j)	..
Pipes for smoking tobacco, complete (excluding clay pipes)	{ 1948 1937	{ 223 491(k) £'000	{ 180(k) 298(k) £'000	{ 513(k) 840(k) £'000
Cigarette holders or cigar holders and parts thereof, and parts of tobacco pipes	{ 1948 1937	{ 137 20 Th. lbs.	{ 16 6 Th. lbs.	{ 232 95 Th. lbs.
Beads and bead trimmings	{ 1948 1937	{ 3 .. £'000	{ £'000	{ 93 275 £'000
Articles of plastic materials for the preparation and serving of food (including drink)	1948	1,525	45	..

TABLE 12 (contd.)

	1948	Production (b) (c)	Exports (d)	Retained imports (e)
		£'000	£'000	£'000
Furniture and parts thereof of plastic materials	1948	129	5(1)	..
Furnishing hardware (e.g., bathroom fittings, door furniture, sanitary ware) wholly or partly of plastic materials	1948	1,116	130	..

(a) Figures of sales (or production) refer only to larger establishments in Great Britain (1948) or the United Kingdom (1937). All recorded exports from and imports into the United Kingdom are given in the table. The figures, therefore, are not strictly comparable.

(b) Sales in 1948 and production for sale in 1937.

(c) Including sales (or production) by establishments classified to other trades.

(d) Valued f.o.b.

(e) Valued c.i.f.

(f) Including glass buttons.

(g) Partly estimated.

(h) Including blanks for combs.

(i) Other than metal.

(j) Lampshades (other than glass) for electric lighting.

(k) May include some clay pipes.

(l) Furniture with frames wholly or mainly of plastic materials.

Purchased materials and fuel

Larger establishments

TABLE 13

	1948 (a)		1937 (b)		1935 (b)		
	Materials and fuel purchased		Usage of purchased materials and fuel				
	Quantity	Cost	Quantity	Cost	Quantity	Cost	
	Th. cwts.	£'000	Th. cwts.	£'000		£'000	
Materials							
Plastic materials							
Synthetic resins (including polymers)							
Phenol/cresol formaldehyde	16.8 (c)	148	86.6	379	..	(d)	
Urea formaldehyde	9.6 (c)	42					81
Other	..	8					
Sheet, rod, tube, film, foil, blanks and profile shapes					..	(d)	
Casein	25.0	602	19.0	138	..		
Celluloid	15.2	389					56
Cellulose acetate and cellulose acetate butyrate	4.7	173	9.3	96 (e)	..		
Acrylic	13.0	407					40
Polyvinyl chloride, plasticised	5.8	131					
Polyethylene	..	2					
Laminated material	16.1	317					
Other	8.9	227					
Moulding and extrusion (including impregnated) materials			..	(d)	..	(d)	
Cellulose acetate and cellulose acetate butyrate	52.6	1,031					
Phenol/cresol formaldehyde	213.8	1,397					
Polystyrene	20.7	211					
Urea formaldehyde	95.2	800					
Polyvinyl chloride, unplasticised	7.0	96					
Other	12.3	91					

TABLE 13 (contd.)

	1948 (a)		1937 (b)		1935 (b)	
	Materials and fuel purchased		Usage of purchased materials and fuel			
	Quantity	Cost	Quantity	Cost	Quantity	Cost
	Th. cwts.	£'000		£'000		£'000
Materials (contd.)						
Plastic materials (contd.)						
Solutions, emulsions, and dispersions	3.7 (c)	31	..	(d)	..	(d)
Wood and timber (except for packing)	..	95	..	51	..	(d)
Packing materials	..	501	..	74	..	(d)
	Th. bulk galls.					
Methylated spirits (Industrial or mineralised)	51.9	12				
	Th. tons					
Formaldehyde, including solutions (f)	1.2	29				
	Th. cwts.					
Glycerine	0.7	4				
Carbolic acid, crude or crystal	21.0	109				
Plasticisers	8.2	79				
Process papers	1.5	16				
	Th. tons					
Wood flour	0.7	13				
	Th. sq. ft.					
Leather	193.3	22				
	..	17				
Leathercloth	1804.5	40	..	1,183	..	2,068 (g)
Briar root	..	144				
	Th. cwts.					
Glass	3.4	16				
	..	19				
Piece goods	Th. sq. yds.					
Silk	26.4	12				
Rayon, nylon, etc.	172.1	33				
	..	10				
Cotton	315.2	70				
	..	29				
All other purchased materials	..	4,100				
Unclassified materials	..	299	..	63	-	-
Fuel and electricity						
	Th. tons		Th. tons		Th. tons	
Coal	36.6	116	16.8	23	14.6	17
Coke	9.3	36	..	(d)	4.7	7

TABLE 13 (contd.)

	1948 (a)		1937 (b)		1935 (b)	
	Materials and fuel purchased		Usage of purchased materials and fuel			
	Quantity	Cost	Quantity	Cost	Quantity	Cost
	Th. B. T. U. (kW. hrs.)	£'000	Th. B. T. U. (kW. hrs.)	£'000	Th. B. T. U. (kW. hrs.)	£'000
Fuel and electricity (contd.)						
Electricity purchased (h)						
From public supply	60,113	269				
From other sources	1,686	7	11,984	44	13,433	58
			..	16		
Electricity obtained from other works under the same ownership	-	-				
	Th. galls.					
Motor spirit (petrol) and derv. fuel						
Used for road vehicles	289	27				
Used for other power purposes	74	4				
Other oil fuel (including creosote/pitch mixtures)	464	20	..	34	..	(d)
	Th. therms					
Gas purchased	1,646	74				
Gas obtained from other works under the same ownership	-	-				
All other purchased fuel	..	7				
Total		12,522		2,278		2,150

(a) Great Britain only.

(b) United Kingdom.

(c) In terms of gross weight.

(d) Not recorded separately.

(e) Described as "Celluloid, xylonite, and the like".

(f) In terms of 40 per cent. solution.

(g) All materials, and fuel not specified separately.

(h) Owing to risk of disclosure of information relating to individual firms particulars of the quantity of electricity generated and consumed in the same works cannot be given.

Stocks of finished products and work in progress and stocks of materials and fuel, 1948

Larger establishments in Great Britain

TABLE 14

	At beginning of year		At end of year	
	Quantity	Value	Quantity	Value
Finished products	..	£'000 948	..	£'000 1,280
Work in progress		771		770
Unclassified		112		126
Total finished products and work in progress		1,832		2,175
Materials and fuel	Th. cwts.		Th. cwts.	
Moulding and extrusion (including impregnated plastic materials)	90.7	866	92.5	724
Sheet, rod, tube, film, foil, blanks and profile shapes, of plastic materials	28.0	604	29.3	576
Other descriptions of materials and fuel	..	1,344	..	1,585
Unclassified	..	106	..	108
Total materials and fuel		3,300		3,338

Employment and remuneration (a)

Larger establishments

TABLE 15

	Average number of operatives				Administrative, technical and clerical employees (b)				Total			
	All sections of the trade	Sections of the trade covered by the 1937 Inquiry	All sections of the trade	All sections of the trade	Sections of the trade covered by the 1937 Inquiry	All sections of the trade	All sections of the trade	Sections of the trade covered by the 1937 Inquiry	All sections of the trade	Sections of the trade covered by the 1937 Inquiry	All sections of the trade	
	1948 (c)	1937 (d)	1935 (d)	1935 (d)	1948 (c)	1937 (d)	1935 (d)	1935 (d)	1948 (c)	1937 (d)	1935 (d)	1935 (d)
Males												
Under 18	806	1,180	1,223	1,305	109	85	58	61	915	1,265	1,281	1,366
All ages	13,335	6,451	6,210	6,451	2,981	1,139	1,146	1,252	16,316	7,590	7,356	7,703
Females												
Under 18	1,982	3,423	3,098	3,585	298	192	167	187	2,280	3,615	3,265	3,772
All ages	15,905	9,063	8,734	9,952	2,277	870	885	999	18,182	9,933	9,619	10,951
Total												
Under 18	2,788	4,603	4,321	4,890	407	277	225	248	3,195	4,880	4,546	5,138
All ages	29,240	15,514	14,944	16,403	5,258 (e)	2,009	2,031	2,251	34,498 (e) (f) (g)	17,523	16,975	18,654
Total remuneration	£'000 7,005	..	..	..	£'000 2,253	..	..	..	£'000 9,258	..	..	..

(a) Excluded employees. The following numbers were employed at establishments in this trade but are not included in the table or in any other report (e.g., employees in a separate selling or transport organisation for which separate accounts are kept):-

Canteen workers	22 males	344 females
Other workers	83 males	77 females

(b) Number at September 25, 1948, October 16, 1937, and October 12, 1935.

(c) Great Britain only.

(d) United Kingdom.

(e) There were, in addition, 78 working proprietors (70 males and 8 females) in 1948. Working proprietors are included in the 1937 and 1935 figures.

(f) The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to £252,000.

(g) The following persons (included in this total) were employed on special work by establishments employing 100 or more persons:-

	Operatives	Administrative, technical and clerical employees
Transport of goods outside the premises	84	
Maintenance and repair of firms' buildings, but not plant	71	
Research work not directly connected with current production however charged	8	11

In addition to the employees in the above table the firms in this trade employed outworkers whose numbers (and remuneration in 1948) are set out below.

	Average number of outworkers employed			Total amount paid to outworkers
	Males	Females	Total	
1948	24	1,658	1,682	£'000 118
1937	11	398	409	..
1935	22	432	454	..

OTHER MANUFACTURING INDUSTRIES

Wages and salaries paid, 1948 (a)
Larger establishments in Great Britain

TABLE 16

	Amount paid by all establishments	Establishments making returns for the calendar year						
		Amount paid	Percentage of annual remuneration paid in					Year
			First quarter	Second quarter	Third quarter	Fourth quarter	Year	
Wages and salaries of	£'000	£'000						
Operatives	7,005	4,157	26.4	25.5	22.9	25.2	100.0	
Administrative, technical and clerical employees	2,253	1,345	25.3	24.3	23.9	26.5	100.0	
Total	9,258	5,501	26.1	25.2	23.1	25.5	100.0	

(a) Including bonus and commission payments.

TABLE 17 - Payments for work done on materials given out, 1948

Larger establishments in Great Britain

The total amount paid for work done on materials given out was £264,000.

Payments for certain services, 1948

Larger establishments in Great Britain

TABLE 18

	Amount paid
	£'000
Repair and maintenance	
Of buildings	58
Of plant, machinery and vehicles	195
Unclassified	109
Hire of plant, machinery and vehicles	38
Advertising and market research	
Advertising in newspapers, magazines and periodicals	105
Other advertising services (poster display, despatch of circulars, etc.) and market research	26
Unclassified	115
Payments made for research work	
To research associations	1
To universities, institutions, academic bodies and similar agencies	1
To other commercial concerns	9
Postage, telephone, telegrams and cables	120
Commercial insurance premiums	130
Rates (excluding water rates) payable in the year	47

PLASTIC GOODS AND FANCY ARTICLES

Plant, machinery and vehicles acquired and disposed of, 1948
Larger establishments in Great Britain

TABLE 19

	Acquisitions		Disposals
	New	Second-hand	
	£'000	£'000	£'000
Plant and machinery	841	22	54
Vehicles	56	29	21
Total	897	51	75

Capital expenditure on building work and changes in occupation of buildings and land, 1948

Larger establishments in Great Britain

TABLE 20

	£'000	£'000
1. Capital expenditure on building work (a)		188
2. Existing buildings and land (b)		
(1) Capital cost of freeholds bought	28	
Estimated capital value of		
(11) Rented property newly occupied in the year (c)	96	
(111) Leasehold buildings and land newly occupied in the year	174	
Total of heading 2		297
Total of headings 1 and 2		486
3. Existing buildings and land relinquished (d)		
(1) Selling value of freeholds sold	33	
(11) Estimated value of other properties relinquished	45	
Total of heading 3		78
4. Headings 1 and 2 less heading 3		408

(a) Excluding site value which, where appropriate, is included in heading 2 (1).

(b) The figures do not reflect changes in ownership of previously occupied land and buildings.

(c) Property which is occupied under an agreement for the payment of rent without the purchase of a lease or the payment of a premium.

(d) Including property destroyed or abandoned.

1948

Summary
Larger establishments

TABLE 21

	England	Wales	Scotland	Great Britain
	£'000	£'000	£'000	£'000
Gross output (production)	26,412	794	499	27,705
Cost of materials and fuel used	11,899	362	222	12,484
Payment for work done on materials given out	254	6	4	264
Net output	14,258	426	273	14,957
Wages and salaries of persons employed	8,818	262	179	9,258
	No.	No.	No.	No.
Average number of persons employed (a)	32,737	1,088	751	34,576
	£	£	£	£
Net output per person employed (a)	436	391	363	433
Stocks at end of year	£'000	£'000	£'000	£'000
Finished products and work in progress	2,049	45	82	2,175
Materials and fuel	3,173	73	92	3,338
	No.	No.	No.	No.
Number of establishments	446	11	13	470

(a) Excluding outworkers.

The values of production and of materials and fuel used are derived in the following way:-

	England	Wales	Scotland	Great Britain
	£'000	£'000	£'000	£'000
Output of firms in this trade				
Total value of sales (see Table 23)	26,199	792	490	27,481
Adjustment for changes in stocks and work in progress	+ 326	+ 2	+ 14	+ 343
	26,525	795	505	27,824
Less payment for transport by other firms	113	-	6	119
Gross output (production)	26,412	794	499	27,705
Materials and fuel used by firms in this trade				
Purchases (see Table 24)	11,943	352	227	12,522
Adjustment for changes in stocks	- 44	+ 10	- 5	- 38
Materials and fuel used	11,899	362	222	12,484

Summary
Small firms

TABLE 22

	England	Wales	Scotland	Great Britain
Number of returns	498	8	16	522
Average number of persons employed (a)				
Males	1,370	17	56	1,443
Females	1,413	21	37	1,471
Total	2,783	38	93	2,914

(a) Including working proprietors.

Sales in the trade
Larger establishments

TABLE 23

	England and Wales		Scotland		Great Britain	
	Quantity	Value	Quantity	Value	Quantity	Value
	Th. gross	£'000	Th. gross	£'000	Th. gross	£'000
Principal products						
Buttons						
Of plastic materials						
Moulded	..	(a)	..	(a)	5,338	732
Fabricated					4,909	1,702
Of dum or corozo					1,353	188
Of other materials (except metal or glass)					682	296
					..	22
Total buttons	..	(a)	..	(a)	12,282	2,919
					..	22
Hair combs (except metal)	..	(a)	..	(a)	589	1,016
					..	155
Lampshades and reflectors (except for motors or cycles)						
Of fabricated plastic materials					6.5	414
					..	85
Of moulded plastic or textile materials	35.6	729	3.0	21	19.8	164
	..	142			..	35
Of other materials (except glass)					12.3	171
					..	22
Toilet requisites						
Toilet containers (e.g., powder bowls, denture baths, soap cases, boxes) and parts thereof of plastic and other materials (except glass)					..	349
Toilet and sponge bags	84.5	214	..	18	14.0	72
	..	1,062				
Powder puffs, compacts and parts thereof and other toilet requisites					70.5	142
					..	732
Smokers' requisites						
Pipes for smoking tobacco						
Of plastic materials	..	(a)	..	(a)	0.3	5
Of other materials (except clay)					18.3	854

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TABLE 23 (contd)

	England and Wales		Scotland		Great Britain	
	Quantity	Value	Quantity	Value	Quantity	Value
		£'000		£'000		£'000
Principal products (contd.)						
Smokers' requisites (contd.)						
Parts of tobacco pipes and of cigar or cigarette holders (of plastic materials)					..	3
Cigarette (and cigar) cases, tobacco pouches and linings thereof					..	32
Cigarette and cigar holders of plastic and other materials, parts of tobacco pipes and of cigar and cigarette holders of material other than of plastic, and other smokers' requisites (e.g., cigarette boxes, and ash trays)	..	(a)	..	(a)		
					..	209
Cases for jewellery, cutlery, spectacles, etc.						
Of plastic materials	599	20	-	-	599	20
	..	5			..	5
Of wood	..	210	-	-	..	210
Of metal and other materials	8,100	185	-	-	8,100	185
	..	150			..	150
Unclassified	..	95	-	-	..	95
Caps and other closures for bottles, jars and tubes (of plastic materials)	31,392	892	-	-	31,392	892
	..	189			..	189
Display fittings and advertising novelties, including picture and photograph frames of plastic and other materials (except wood)	..	(a)	..	(a)	..	435
Ladies' handbags, pochettes, and sling bags, wholly or mainly of textile materials, including parts of handbags, etc.	..	67	-	-	..	67

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TABLE 23 (contd)

	England and Wales		Scotland		Great Britain	
	Quantity	Value	Quantity	Value	Quantity	Value
Principal products (contd.)	Th. gross	£'000		£'000	Th. gross	£'000
Haberdashery and accessories (except buttons) and components of plastic materials						
Knitting needles (including knitting pins)	60.1 ..	69 1	-	-	60.1 ..	69 1
Belts, braces and parts thereof, snap and slide fasteners, parts of zipp fasteners, crochet hooks, thimbles, hair pins and slides, buckles, collar studs, press fasteners, suspender fittings, and other descriptions of haberdashery, etc. of plastic and other materials	..	(a)	..	(a)	509.7 ..	339 183
	Th. lbs.				Th. lbs.	
Beads and bead trimmings	2.6	9	-	-	2.6	9
Articles of plastic materials for the preparation and serving of food (including drink)	..	1,395	..	32	..	1,427
Furniture and parts thereof of plastic materials, for office and domestic use	..	(a)	..	(a)	..	103
Fancy goods not elsewhere specified						
Of plastic materials (other than leathercloth)	..	307	-	-	..	307
Of textile materials	..	99	-	-	..	99
Of ivory, bone, horn, amber, jet, mother of pearl and other nacreous shell, etc., and other materials (including horn, ivory, bone, mother of pearl etc., cut, turned and polished)	..	324	..	8	..	332
Unclassified	..	15	-	-	..	15

TABLE 23 (contd.)

	England and Wales		Scotland		Great Britain	
	Quantity	Value	Quantity	Value	Quantity	Value
Principal products (contd.)		£'000		£'000		£'000
Components and semi-manufactured goods, wholly or partly of plastic materials (c)						
For the Electrical, Radio and Musical Industries	..	2,754	..	15	..	2,769
For the Optical, Scientific Instruments and Clock Trades (except spectacle and eyeglass frames and mountings; lenses not optically worked; photographic apparatus and parts and clock cases) and for the Motor and Cycle Trade	..	889	-	-	..	889
For the Mechanical Engineering Trade					..	322
Furnishing hardware (e.g., bathroom fittings, door furniture, sanitary ware)	..	(a)	..	(a)	..	1,033
Cutlery handles and other handles and knobs, not elsewhere specified, (except umbrella handles, ferrules etc.)					..	666
Technical mouldings, fabricated materials and components, not elsewhere specified	..	705	..	6	..	711
Other miscellaneous components and semi-manufactured goods, not elsewhere specified	..	(a)	..	(a)	..	603
Vulcanised fibre articles, not elsewhere specified	..	97	-	-	..	97
Lighter fuel in capsules and in bottles	..	147	-	-	..	147
Other and unclassified goods of plastic materials	..	665	-	-	..	665
Waste products	..	65	..	1	..	66
Repair work and work done for the trade or on commission		(a)		(a)		221(c)
Total principal products		20,273		447		20,719

TABLE 23 (contd.)

	England and Wales		Scotland		Great Britain	
	Quantity	Value	Quantity	Value	Quantity	Value
		£'000		£'000	Th. cwts.	£'000
Other output						
Plastic materials (sheet, rod, tube, solid and liquid resins, etc.)					26.1	559
					..	132
Manufactures of leather or materials resembling leather					..	68
Cardboard boxes, stationery and other paper goods					1.7	28
					..	19
Furniture, cabinetware, boxes, cases, etc. of timber					..	110
Chemical manufactures, other than plastic materials					..	126
Toys and games					..	1,390
Sports requisites					..	213
					Th. doz.	
Brushes and brooms					510	404
					..	47
Pens, pencils, and other stationers' goods					..	508
Components, accessories, fittings, etc., wholly or partly of plastic materials						
Telephone instruments and components					..	665
Lighting and wiring accessories and fittings					..	320
Other electrical apparatus and fittings					..	225
Parts and accessories for the Aircraft Trade	..	6,718	..	44	..	178
Parts and accessories for the Motor and Cycle Trade					..	124
Machinery parts and other engineering products					..	205
Optical and scientific instruments and appliances, and photographic apparatus					..	145

TABLE 23 (contd.)

	England and Wales		Scotland		Great Britain	
	Quantity	Value	Quantity	Value	Quantity	Value
		£'000		£'000		£'000
Other output (contd.)						
Clock cases, jewellery (gem set or not) and parts					..	138
Other and unclassified goods, wholly or partly of plastic materials					..	236
Manufactures of rubber, vulcanite and ebonite					..	251
Other goods, wholly or mainly of metal					..	321
Other and unclassified manufactures					..	142
Scrap metal and waste steam sold					..	76
Work done						84 (c)
Total		26,991		490		27,481

(a) Owing to the risk of disclosure of information relating to individual firms separate particulars cannot be given.

(b) Excluding complete accessories and fittings which have, so far as possible, been classified as principal products of other trades.

(c) Amount charged.

Purchased materials and fuel

Larger establishments

TABLE 24

	England and Wales		Scotland		Great Britain	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
	Th. cwts.	£'000	Th. cwts.	£'000	Th. cwts.	£'000
Materials						
Plastic materials						
Synthetic resins (including polymers)						
Phenol/cresol formaldehyde	..	(a)	..	(a)	16.8(b)	148
Urea formaldehyde	..		..		9.6(b)	42
Other	..	8	-	-	..	8
Sheet, rod, tube, film, foil, blanks and profile shapes						
Casein	25.0	602	-	-	25.0	602
Celluloid	15.2	389	-	-	15.2	389
Cellulose acetate and cellulose acetate butyrate	4.7 ..	173 20	-	-	4.7 ..	173 20
Acrylic	12.8 ..	402 58	0.2 ..	5 3	13.0 ..	407 59
Polyvinyl chloride, plasticised	..	(a)	..	(a)	5.8 ..	131 15
Polyethylene	..	2	-	-	..	2
Laminated material	..	(a)	..	(a)	16.1 ..	317 36
Other	..	(a)	..	(a)	8.9 ..	227 35
Moulding and extrusion (including impregnated) materials						
Cellulose acetate and cellulose acetate butyrate	..	(a)	..	(a)	52.6	1,031
Phenol/cresol formaldehyde	209.5	1,368	4.3	29	213.8	1,397
Polystyrene	..	(a)	..	(a)	20.7 ..	211 23
Urea formaldehyde	..	(a)	..	(a)	95.2	800

TABLE 24 (contd.)

	England and Wales		Scotland		Great Britain	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
	Th. cwts.	£'000	Th. cwts.	£'000	Th. cwts.	£'000
Materials (contd.)						
Plastic materials (contd.)						
Moulding and extrusion (including impregnated) materials (contd.)						
Polyvinyl chloride, unplasticised	..	(a)	..	(a)	7.0	96
Other	..	(a)	..	(a)	12.3	91
Solutions, emulsions and dispersions	3.7(b) ..	31 3	-	-	3.7(b) ..	31 3
Wood and timber (except for packing)	..	95	..	-	..	95
Packing materials	..	492	..	9	..	501
Methylated spirits (industrial or mineralised)	..	(a)	..	(a)	Th. bulk galls. 51.9	12
Formaldehyde, including solutions (c)	..	(a)	..	(a)	Th. tons 1.2	29
Glycerine	0.7	4	-	-	Th. cwts. 0.7	4
Carbolic acid, crude or crystal	21.0	109	-	-	21.0	109
Plasticisers	8.2	79	-	-	8.2	79
Process papers	..	(a)	..	(a)	1.5	16
Wood flour	Th. tons 0.7	13	-	-	Th. tons 0.7	13
Leather	Th. sq. ft. 193.3 ..	22 17	-	-	Th. sq. ft. 193.3 ..	22 17
Leathercloth	1804.5	40	-	-	1804.5	40
Briar root	..	144	-	-	..	144

TABLE 24 (contd.)

	England and Wales		Scotland		Great Britain	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
Materials (contd.)		£'000		£'000	Th. cwts.	£'000
Glass	..	(a)	..	(a)	3.4	16
Piece goods	Th. sq. yds.				Th. sq. yds.	
Silk	26.4	12	-	-	26.4	12
Rayon, nylon, etc.	172.1	33	-	-	172.1	33
	..	10	-	-	..	10
Cotton	315.2	70	-	-	315.2	70
	..	29	-	-	..	29
All other purchased materials	..	4,005	..	95	..	4,100
Unclassified materials	..	299	-	-	..	299
Fuel and electricity					Th. tons	
Coal	..	(a)	..	(a)	36.6	116
Coke	..	(a)	..	(a)	9.3	36
Electricity purchased (d)	Th. B. T. U. (kW. hrs.)		Th. B. T. U. (kW. hrs.)		Th. B. T. U. (kW. hrs.)	
From public supply	58,292	261	1,821	8	60,113	269
From other sources	1,686	7	-	-	1,686	7
Electricity obtained from other works under the same ownership	-	-	-	-	-	-
Motor spirit (petrol) and deriv. fuel	Th. galls.				Th. galls.	
Used for road vehicles	..	(a)	..	(a)	269	27
Used for other power purposes	74	4	-	-	74	4
Other oil fuel (including creosote/pitch mixtures)	..	(a)	..	(a)	484	20
Gas purchased	Th. therms		Th. therms		Th. therms	
	1,641	74	5	-	1,646	74
Gas obtained from other works under the same ownership	-	-	-	-	-	-
All other purchased fuel	..	6	..	1	..	7
Total		12,296		227		12,522

(a) Owing to the risk of disclosure of information relating to individual firms separate particulars cannot be given.

(b) In terms of gross weight.

(c) In terms of 40 per cent. solution.

(d) Owing to risk of disclosure of information relating to individual firms particulars of the quantities of electricity generated and consumed in the same works cannot be given.

Employment and remuneration

Larger establishments

TABLE 25

	England and Wales			Scotland			Great Britain		
	Average number of operatives	Administrative, technical and clerical employees (a)	Total	Average number of operatives	Administrative, technical and clerical employees (a)	Total	Average number of operatives	Administrative, technical and clerical employees (a)	Total
Males									
Under 18	782	102	884	24	7	31	806	109	915
All ages	13,045	2,899	15,944	290	82	372	13,335	2,981	16,316
Females									
Under 18	1,916	288	2,204	66	10	76	1,982	298	2,280
All ages	15,571	2,232	17,803	334	45	379	15,905	2,277	18,182
Total									
Under 18	2,698	390	3,088	90	17	107	2,788	407	3,195
All ages	28,616	5,131 (b)	33,747 (b) (c)	624	127 (b)	751 (b) (c)	29,240	5,258 (b)	34,498 (b) (c)
Total remuneration	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000
	6,870	2,210	9,080	135	44	179	7,005	2,253	9,258

(a) Number at September 25, 1948.

(b) There were, in addition, 78 working proprietors (70 males and 8 females) in England and Wales; no working proprietors were recorded for Scotland.

(c) The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to a total of £252,000; £247,000 for England and Wales, and £5,000 for Scotland.

In addition to the employees in the above table the firms in this trade employed outworkers whose numbers (and remuneration) are set out below.

	Average number of outworkers employed			Total amount paid to outworkers
	Males	Females	Total	
England and Wales	24	1,654	1,678	£'000 118
Scotland	-	4	4	-
Great Britain	24	1,658	1,682	118

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OTHER MANUFACTURING INDUSTRIES COUNTRY TABLES

Monthly index of employment of operatives: Larger establishments

(Average employment in 1948 = 100)

Month	Monthly index (a)			Month	Monthly index (a)		
	England and Wales	Scotland	Great Britain		England and Wales	Scotland	Great Britain
1948				1948			
January	110.7	116.9	110.9	August	94.0	92.4	93.9
February	110.2	113.4	110.3	September	93.8	95.0	93.8
March	108.0	108.0	108.0	October	94.6	93.3	94.6
April	106.7	105.9	106.7	November	94.9	93.7	94.9
May	101.8	101.7	101.8	December	92.9	93.1	92.9
June	97.9	91.8	97.8	Percentage employment in this trade covered by the index			
July	94.3	94.8	94.3		61.0	73.9	61.3

(a) The index numbers are calculated from the number of operatives employed in one week in each month returned by larger establishments that made returns for the calendar year 1948.

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