

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS, CANBERRA,

AUSTRALIA

MANUFACTURING INDUSTRIES

1958-59

NO. 33. PLASTIC MOULDING AND PRODUCTS

Prepared Under Instructions from
THE RIGHT HONORABLE THE TREASURER,

by

S.R. Carver

Commonwealth Statistician

MANUFACTURING INDUSTRIES : 1958-59

P R E F A C E

1. GENERAL: The range of Bulletins in the series for 1958-59 is the same as for 1957-58 and a complete list is shown on the back of the cover of this Bulletin.

Where a number of industries are combined in one Bulletin the introductory paragraph on Page 3 specifies the industries so included.

2. CLASSIFICATION OF FACTORIES: For purposes of industry classification, factories in Australia are classified according to the nature of their product. Where two or more distinct types of industrial activity are carried on in one establishment, a separate return is obtained, wherever practicable, for each activity in order to allow classification on this basis. In cases where this is not practicable, factories are classified according to predominant activity. These cases are encountered most frequently in the Metal Trades, (e.g. General Engineering firms also producing Agricultural Implements or Stoves, etc.), and to a lesser degree in factories concerned with Skins, Leather, Clothing and Wood products.

Each of the summaries in the "Manufacturing Industries" series relates, generally, to the operations of factories classified to the industry specified. Figures shown in the quantity tables herein represent total recorded production of the articles listed and include quantities produced, as subsidiary production, in industries otherwise classified.

3. BASIS OF THE STATISTICS: The scope of the factory statistics is fully explained in the annual Secondary Industries Bulletin.

Briefly, a "factory" is defined as an establishment in which four or more persons are employed or where power (other than manual) is used in any manufacturing process. It should be noted that details relating to small establishments not classified for statistical purposes as factories are not included in the figures shown herein.

All persons employed in the manufacturing activities of the factory are counted as factory employees. The figures relating to employment, therefore, include proprietors who work in their own businesses as well as "out-workers", but exclude all those engaged in selling and distribution, such as salesmen, travellers, collectors, carters engaged solely on outward delivery of manufactured goods, and retailing storemen.

The value of materials used includes the value, in the usual sense, of the materials used, stores used, containers, tools replaced and materials used in repairs to plant. In general, it does not include the value of customers' articles or materials repaired, assembled or treated by the factory.

The value of output is the selling value, at the factory, (exclusive of all delivery costs and charges and excise duties, but inclusive of bounty and subsidy payments to the manufacturer of the finished article) of all goods made during the year. In addition it includes the value of other work done, such as repair work, assembling and making up for customers.

The value of production is the value added to raw materials by the process of manufacture. It is calculated by deducting from the value of factory output the value (at the factory) of the materials used, containers and packing, power, fuel and light used, tools replaced and materials used in repairs to plant (but not depreciation charges). The value of production is the source from which such items as wages, interest, depreciation, profits, taxation, advertising and other sundry charges are met. As full details of costs of production are not collected, the amount of profit resulting from factory operations cannot be ascertained from the figures contained herein.

S. R. CARVER
COMMONWEALTH STATISTICIAN

MANUFACTURING INDUSTRIES, AUSTRALIA, 1958-59PLASTIC MOULDING AND PRODUCTS

1. **GENERAL:** This Bulletin in the Manufacturing Industries Series is the seventh issue concerned with statistics of the Plastic Moulding and Products Industry. Provision for the separate collection of statistics relating to this industry was made for the first time in 1945-46, thus comparisons with earlier years are not possible. Nevertheless, even within this short span, considerable development has taken place (the number of factories classified to this industry has risen from 107 in 1945-46 to 337 in 1958-59).

2. **SUMMARY OF STATISTICS:** The following table furnishes a summary of the principal statistics of the factories classified to the industry, Plastic Moulding and Products for the years 1945-46 and 1955-56 to 1958-59.

TABLE 1 : PLASTIC MOULDING AND PRODUCTS FACTORIES : AUSTRALIA

Year	Factories (1) Number	Persons Employed (a)(2) Number	Salaries and Wages Paid (b)(3) £'000	Power, Fuel and Light etc. Used (c)(4) £'000	Value of Materials, etc. Used (d)(5) £'000	Value of Production (e)(6) £'000	Value of Output (f)(7) £'000
1945-46	107	3,559	904	55	1,186	1,453	2,694
1955-56	276	7,464	5,802	441	13,003	11,055	24,499
1956-57	308	8,194	6,724	542	15,388	12,748	28,678
1957-58	327	8,998	7,823	649	18,181	15,242	34,072
1958-59	337	9,480	8,774	759	22,272	18,339	41,370

(a) Average over whole year; includes Working Proprietors. (b) Excludes amounts drawn by Working Proprietors. (c) Includes Water and Lubricating Oils. (d) Includes also value of containers, packing, etc., replacement of tools and repairs to plant. (e) Value of production equals column (7) less total of columns (4) and (5). (f) Value of goods produced.

In the following table, particulars are given for each State during the year 1958-59.

TABLE 2 : PLASTIC MOULDING AND PRODUCTS FACTORIES : STATES, 1958-59

Particulars	N.S.W.	VIC.	Q'LD.	S.A.	W.A.	TAS.	AUST.
	No.	No.	No.	No.	No.	No.	No.
Factories	152	152	6	15	10	2	337
Persons employed -							
Males	2,348	3,460	62	142	(a)	(a)	6,048
Females	1,467	1,807	13	110	(a)	(a)	3,432
TOTAL:	3,815	5,267	75	252	(a)	(a)	9,480
	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Salaries and Wages Paid	3,544	4,934	53	209	(a)	(a)	8,774
Value of -							
Power, Fuel and Light, etc. Used	299	440	4	14	(a)	(a)	759
Materials, etc. Used	7,848	13,797	165	390	(a)	(a)	22,272
Production	7,149	10,653	115	354	(a)	(a)	18,339
Output	15,296	24,890	284	758	(a)	(a)	41,370
Land and Buildings (b)	2,575	3,261	57	128	(a)	(a)	6,081
Plant and Machinery (b)	3,028	3,740	67	141	(a)	(a)	7,005
H.P. of Engines ordinarily in use	H.P. 12,342	H.P. 20,781	H.P. 284	H.P. 830	H.P. (a)	H.P. (a)	H.P. 34,384

(a) Not available for publication. (b) Depreciated or book values at end of year.

See also notes to Table 1 above.

3. AVERAGE SALARIES, OUTPUT AND PRODUCTION: Particulars of the average salary and wage paid, together with the average value of output and production per person engaged and the ratio of salaries and wages to value of production, are shown in the following table for the years 1945-46 and 1955-56 to 1958-59.

TABLE 3 : PLASTIC MouldING AND PRODUCTS FACTORIES : AVERAGE SALARIES AND WAGES PAID, OUTPUT, ETC. PER EMPLOYEE : AUSTRALIA

Year	Salaries and Wages per Employee (a)	Value of Output per person Engaged (b)	Value of Production per Person Engaged (b)	Ratio of Salaries and Wages to Value of Production %
1945-46	£ 259	£ 757	£ 408	62.23
1955-56	793	3,282	1,481	52.49
1956-57	838	3,500	1,556	52.75
1957-58	887	3,787	1,694	51.33
1958-59	941	4,364	1,934	47.84

(a) Excludes Working Proprietors and amounts drawn by them.

(b) Includes Working Proprietors.

4. MATERIALS USED AND ARTICLES PRODUCED: The following table shows particulars of the quantity and value of the principal materials used and articles produced during the years 1957-58 and 1958-59. Particulars of materials used and articles produced in a number of cases include relevant data from factories not classified to the Plastic Moulding and Products Industry.

TABLE 4 : MATERIALS USED AND ARTICLES PRODUCED IN PLASTIC MouldING AND PRODUCTS FACTORIES : AUSTRALIA, 1957-58 AND 1958-59.

Item	1957-58		1958-59	
	Quantity	Value	Quantity	Value
	cwt.	£	cwt.	£
<u>Moulding Powders, Flakes, Granules etc.-</u>				
Acrylic	4,268	187,024	4,959	182,360
Casein	6,979	93,994	4,140	39,809
Cellulose Acetate	11,498	318,591	13,073	356,381
Cellulose Acetate Butyrate	4,345	146,102	3,068	103,840
Copolymers of Styrene	4,500	105,549	3,276	87,963
Copolymers of Vinyl or Vinylidene	24,772	494,510	33,403	618,883
Melamine Formaldehyde	1,060	30,023	2,694	70,723
Phenol Formaldehyde	51,744	767,651	58,484	931,791
Polyamide (Nylon etc.)	1,584	88,085	3,457	172,332
Polyethylene (Polythene)	98,139	2,293,728	146,760	3,424,738
Polystyrene	100,572	2,100,956	106,364	2,271,945
Polyvinyl Chloride - Plasticised	57,021	915,237	80,475	1,399,690
Unplasticised	101,182	1,486,101	112,485	1,669,669
Urea Formaldehyde	25,282	483,532	25,858	482,425
Other	3,897	119,139	4,783	138,487
<u>Liquid Resins</u>				
Cresol Formaldehyde	)	(	10,579	115,558
Epoxy Resins	)	(	364	18,360
Melamine Formaldehyde	)	(	10,505	164,723
Phenol Formaldehyde	)	(	16,315	197,931
Polyester Resins	54,987	831,301	26,048	611,110
Other	)	(	273	7,918
<u>Monomers -</u>				
Styrene	)	(	1,733	24,304
Other	)	(	465	14,081
Fibre Glass - All Types	(a)	(a)	13,517	216,182
Plasticisers - All Types	(b)	1,026,348	(b)	1,387,859
Sheets, Rods, Blocks, Tubes, Plates and other Unfinished Forms of all types	(b)	1,987,611	(b)	2,935,549

(a) Not available.

(b) Recorded only in Value terms.

TABLE 4 : MATERIALS USED AND ARTICLES PRODUCED IN PLASTIC MOULDING AND PRODUCTS
 FACTORIES : AUSTRALIA, 1957-58 AND 1958-59 (Continued)

Particulars	Unit of Quantity	1957-58		1958-59	
		Quantity	Value (£)	Quantity	Value (£)
<u>Principal Plastic Articles Produced</u>					
Baths - Infants	Number	35,640	58,311	68,692	71,801
Other	"	(b)	(b)	(b)	(b)
Bottle Tops, Caps and Closures	-	(a)	723,695	(a)	778,668
Brush Blanks	-	(a)	112,382	(a)	115,725
Buckles	-	(b)	(b)	(b)	(b)
Buttons - wholly or partly of Plastic	-	(a)	928,887	(a)	912,784
Cans, Canisters and Containers (incl. Collapsible Tubes)	-	(a)	1,007,877	(a)	1,226,135
Clothes Pegs	gross	19,823	15,858	22,143	13,043
Coat Hangers	"	12,657	80,961	17,021	83,359
Combs	"	124,163	204,197	117,228	178,586
Electrical Goods, Switchgear, etc.	-	(a)	1,477,638	(a)	1,605,400
Film - supported	'000 sq. yds.	(b)	(b)	(b)	(b)
unsupported	" " "	61,520	(b)	(a)	4,100,537
Fishing Reels (all types)	dozen	20,916	249,014	13,693	175,619
Games	-	(a)	(c) 23,568	(a)	(c) 58,152
Hose - Garden	lineal feet	32,564,997	887,273	24,125,046	586,750
Other	" "	(b)	(b)	6,216,448	180,399
Kitchenware and Tableware	-	(a)	1,985,079	(a)	2,030,452
Knitting Needles	gross	(b)	(b)	(b)	(b)
Lavatory Seats	number	221,935	302,378	256,911	342,593
Leather Cloth	'000 sq. yds.	8,813	4,432,686	10,036	4,613,840
Pen and Pencil Barrels	-	(a)	49,216	(a)	50,115
Pencils - Automatic and Propelling	gross	(b)	(b)	(b)	(b)
Pens (complete) - Ball Point	"	41,853	483,805	67,664	601,308
Fountain	"	3,593	401,977	2,973	271,933
Piping and Tubing	-	(a)	1,424,977	(a)	1,240,310
Sheets - Building and Roofing	'000 sq. yds.	(e)	(e)	601	1,340,100
Sheets - Decorative Laminated Sheets (n.e.i.)	" " "	1,004	1,833,565	1,149	2,185,520
Plates, Blocks, Rods and other unfinished forms	-	(a)	1,373,178	(a)	783,941
Sinks	number	12,352	68,516	7,624	42,673
Spectacle Frames	"	1,147,250	772,046	1,269,197	868,554
Teeth, Artificial for Dentures	-	(a)	(b)	(a)	(b)
Tiles, Wall	sq. yd.	77,888	97,322	111,454	124,869
Tool & Other Handles	-	(a)	336,121	(a)	333,076
Toys, including Dolls (d)	-	(a)	956,509	(a)	1,732,259
Trim and Beading	-	(a)	294,132	(a)	220,677
Wash Basins	number	(b)	(b)	(b)	(b)

(a) Value only collected. (b) Not available for publication. (c) Made in Plastic Moulding Factories : In addition, Games of other Materials, valued at £215,359 in 1957-58 and £195,120 in 1958-59, were made elsewhere. (d) Made in Plastic Moulding Factories; In addition, Toys (incl. Dolls) of other materials, valued at £2,578,324 in 1957-58 and £2,242,772 in 1958-59 were made elsewhere. (e) Included with Plates, Blocks, Rods and other unfinished forms.

The production of Plastic and Synthetic Resins takes place in Chemical factories and not in establishments covered by this bulletin but details of their production are appended for information:-

FACTORIES - AUSTRALIA - 1958-59

PLASTIC AND SYNTHETIC RESINS AND PLASTICISERS PRODUCED

<u>Plastic and Synthetic Resins</u>				Quantity (Including quantities made and used in the producing works)
				cwt.
(a) For Moulding, Extrusion, etc. -				
Phenolics	..	..		77,499
Polyesters	..	..		12,699
All Other	..	..		401,847
(b) For Protective Coatings, Paints etc. -				
(i) Alkyds*	..	..		221,412
(ii) Phenolics (Pure and Modified)*	..	..		32,031
(iii) Polyesters	..	..		4,945
(iv) Polyvinyl Acetate and Copolymers (containing more than 50% P.V.A.)*	..	..		35,409
(v) Rosin Esters	..	..		5,796
(vi) Styrenes and Copolymers*	..	..		2,740
(vii) Ureas and Melamines*	..	..		12,038
(viii) Other*	..	..		12,492
(c) For Bonding and Adhesives -				
(i) Phenolics*	..	..		19,618
(ii) Polyvinyl Acetate and Copolymers* (containing more than 50% P.V.A.)	..	..		6,155
(iii) Ureas and Melamines*	..	..		20,300
(iv) Other*	..	..		3,506
(d) For other Purposes (Textile and Paper Treatment and Coating, etc.) -				5,240
<u>Plasticisers</u>				
Phthalate Type	..	..		121,545
Polymeric Type	..	..		1,510
Other (including Esters of Phosphoric Acid, Adipic Acid and Sebacic Acid, etc.)	..	..		4,235

* Liquid Resins included are shown in terms of dry weight of Resin content.

5. **EMPLOYMENT:** The number of persons employed shown in Tables 1, 2 6 and 7 have been adjusted to represent the average employment over the whole year in those cases where short time was worked. In the following table, the factories have been classified according to the average number employed during the actual period worked.

TABLE 5 : PLASTIC MOULDING AND PRODUCTS FACTORIES CLASSIFIED ACCORDING TO PERSONS EMPLOYED : AUSTRALIA

No. of Persons Employed in each Factory	<u>1945-46</u>		<u>1955-56</u>		<u>1956-57</u>		<u>1957-58</u>		<u>1958-59</u>	
	No. of Fac- tories	No. Em- ployed	No. of Fac- tories	No. Em- ployed	No. of Fac- tories	No. Em- ployed	No. of Fac- tories	No. Em- ployed	No. of Fac- tories	No. Em- ployed
Under 4	13	28	71	152	72	162	75	159	76	160
4	9	36	21	84	26	104	21	84	29	116
5 to 10	27	193	61	441	75	555	85	610	81	590
11 to 20	15	255	47	700	52	777	53	782	52	797
21 to 50	28	897	39	1,248	47	1,549	56	1,860	61	1,929
51 to 100	9	633	19	1,253	18	1,214	17	1,175	16	1,132
101 to 200	6	1,606	13	2,036	11	1,586	12	1,852	14	2,080
201 and over			5	1,622	7	2,291	8	2,630	8	2,725
TOTAL:	107	3,648	276	7,536	308	8,238	327	9,152	337	9,529
Average Number Employed per Factory	34		27		27		28		28	

Further details of employment are furnished in the two tables which follow.

In Table 6, the numbers of males and females employed are shown for the years 1945-46, 1957-58 and 1958-59, according to the nature of their employment.

TABLE 6 : PLASTIC MOULDING AND PRODUCTS FACTORIES :

PERSONS EMPLOYED CLASSIFIED ACCORDING TO OCCUPATIONAL STATUS : AUSTRALIA

Occupational Status	1945-46		1957-58		1958-59	
	Males	Females	Males	Females	Males	Females
Working Proprietors	65	5	144	33	126	27
Managerial and Clerical Staff, including Salaried Managers and Working Directors	201	161	674	499	820	521
Chemists, Draftsmen and Other Laboratory and Research Staff	45	2	106	18	169	14
Foremen and Overseers	165	26	483	62	550	91
Workers (skilled and unskilled)	1,658	1,099	4,053	2,912	4,373	2,771
Other (Carters, Messengers, etc.)	1	131	4	10	10	8
TOTAL:	2,135	1,424	5,464	3,534	6,048	3,432

In the following table, the number of persons employed in June, in the years 1946 and 1956 to 1959 are shown according to age and sex distribution.

TABLE 7 : PLASTIC MOULDING AND PRODUCTS FACTORIES :

DISTRIBUTION OF EMPLOYEES ACCORDING TO AGE AND SEX : AUSTRALIA

(Excluding Working Proprietors)

June	Under 16 Years	16 Years	17 Years	18 Years	19 Years	20 Years	Total 16 to 20 Years	21 Years and Over	Total all Ages
MALES									
1946 (a)	98	112	87	84	76	76	435	1,995	2,528
1956 (b)	36	47	49	61	59	56	272	4,163	4,471
1957 (b)	42	44	54	65	73	54	290	4,598	4,930
1958 (b)	47	58	75	64	75	84	356	5,120	5,523
1959 (b)	36	78	76	88	88	112	442	5,504	5,982
FEMALES									
1946 (a)	11	28	53	58	60	59	258	1,052	1,321
1956 (b)	33	44	46	71	50	47	258	2,756	3,047
1957 (b)	41	59	59	68	58	59	303	2,830	3,174
1958 (b)	61	83	78	83	76	68	388	3,122	3,571
1959 (b)	48	66	95	86	71	75	393	2,875	3,316

(a) Pay-day nearest 15th June.

(b) Last pay-day in June.

6. **POWER EQUIPMENT:** Statistics of the power equipment installed are given in the next table. The details include the rated horsepower of engines ordinarily in use, together with those in reserve or idle.

TABLE 8 : PLASTIC MOULDING FACTORIES : TYPES AND RATED HORSEPOWER OF ENGINES :
AUSTRALIA

Class of Engine	Rated Horsepower of Engines					
	Ordinarily in Use			In Reserve or Idle		
	1945-46	1957-58	1958-59	1945-46	1957-58	1958-59
Steam - Reciprocating	-	-	-	6	-	-
Turbine	-	-	-	-	-	-
Internal Combustion -						
Gas	-	-	-	-	-	-
Petrol or Other Light						
Oils	-	104	92	22	53	179
Heavy Oils	-	143	143	-	120	120
Water	-	-	-	-	-	-
Total, Prime Movers:	-	247	235	28	173	299
Motors driven by electricity -						
Purchased	5,264	27,296	34,149	95	2,009	2,667
Own Generation	-	-	-	-	-	-
Total, Electricity:	5,264	27,296	34,149	95	2,009	2,667
TOTAL POWER EMPLOYED:	5,264	27,543	34,384	123	2,182	2,966

7. **POWER, FUEL AND LIGHT, ETC., USED:** Details of the quantities and values of the various items of power, fuel and light used are shown in the following table for the years 1945-46, 1957-58 and 1958-59.

TABLE 9 : PLASTIC MOULDING AND PRODUCTS FACTORIES : POWER, FUEL AND LIGHT, ETC., USED:
AUSTRALIA

Particulars	Unit of Qty.	Quantity			Value (£)		
		1945-46	1957-58	1958-59	1945-46	1957-58	1958-59
Power, Fuel and Light -							
Coal - Black	ton	1,780	565	1,405	4,026	2,701	5,900
Brown	"	-	1,566	5,371	-	3,460	8,738
Brown Coal Briquettes	"	146	-	-	244	-	-
Coke	"	188	11	1	395	83	6
Wood	"	157	103	142	290	452	580
Fuel Oil	gal.	7,484	808,230	961,535	352	65,661	74,321
Tar (Fuel)	"	-	-	360	-	-	18
Electricity	-	(a)	(a)	(a)	34,651	485,228	563,268
Gas	-	(a)	(a)	(a)	3,329	40,796	49,987
Other (Charcoal, etc.)	-	(a)	(a)	(a)	3,930	2,149	2,238
Water and Lubricating							
Oil Used	-	(a)	(a)	(a)	7,827	48,941	53,840
TOTAL:		(a)	(a)	(a)	55,044	649,471	758,896

(a) Value only available.

8. VALUE OF LAND, BUILDINGS, PLANT AND MACHINERY: Particulars of the book values of premises occupied and plant used for factory purposes at 30th June for each of the years 1946, and 1956 to 1959 are shown in the next table. Details of the values of additions and replacements made and depreciation allowed during the same period are also shown. It should be noted that the amounts shown are those recorded by factories which were operating during each year and that changes in their numbers, as well as other factors, affect comparison from year to year.

TABLE 10 : PLASTIC MOULDING AND PRODUCTS FACTORIES :
VALUE OF LAND AND BUILDINGS, PLANT AND MACHINERY, ETC. : AUSTRALIA

Year	Book Value as at 30th June (a)		Additions and Replacements made during year		Depreciation allowed during year	
	Land and Buildings	Plant and Machinery	Land and Buildings	Plant and Machinery	Land and Buildings	Plant and Machinery
1945-46	464,973	530,581	21,498	140,599	799	58,084
1955-56	3,452,823	4,171,868	426,681	1,266,199	19,756	557,457
1956-57	4,626,572	4,849,433	472,700	1,416,579	28,264	527,455
1957-58	5,425,463	6,201,255	479,630	1,932,041	35,688	887,788
1958-59	6,080,574	7,004,711	672,571	2,227,991	48,997	897,227

(a) Includes estimated value of rented premises and machinery.

9. OVERSEA TRADE: In the next two tables exports and imports of Plastic Materials are given for the years 1954-55 to 1958-59. Details of exports and imports of finished articles made of Plastic Materials are not separately recorded and consequently, no indication can be given of the volume of trade in this respect.

TABLE 11 : EXPORTS OF PLASTIC MATERIALS (a) : AUSTRALIA

Article	Unit	1954-55	1955-56	1956-57	1957-58	1958-59
Liquids, (including solutions)	gals. EA	(b)	(b)(	136,428 174,090	61,872 62,542	25,134 25,711
Solid, (including scrap) processed to a lesser extent than blocks, rods, sheets and other preformed shapes.	lb. EA	(b) (c)583,772	(c)5,660,772 (c) 632,181	3,683,478 408,214	1,674,183 204,675	4,898,662 471,162
Blocks, Rods, Sheets and other preformed shapes.	lb. EA	57,644 14,306	61,720 29,188	234,245 94,295	506,555 179,844	486,502 132,917

(a) See exclusions, as shown in headings to table 12 on next page.

(b) Not available.

(c) Includes liquids (including solutions).

TABLE 12 : IMPORTS OF PLASTIC MATERIALS (EXCLUSIVE OF SYNTHETIC FIBRES, NATURAL RESINS, BITUMINOUS MOULDING COMPOUNDS, SYNTHETIC RUBBER AND SYNTHETIC ELASTOMERS, PREPARED ADHESIVES, SYNTHETIC OILS, SYNTHETIC SAUSAGE CASINGS AND LAMINATED PLASTICS): AUSTRALIA

Article	Unit	1954-55	1955-56	1956-57	1957-58	1958-59
<u>Liquid (including solutions and pastes) and Solids processed to a lesser extent than Blocks, Rods, Sheets and Other preformed shapes (including scrap).</u>						
Of the phenolic type	lb.	351,315	334,100	338,575	767,870	673,822
	£A.	52,289	47,883	50,511	99,294	97,179
Of the amino type	lb.	1,167,178	1,341,979	1,072,743	1,813,439	1,642,019
	£A.	161,131	169,303	116,309	222,535	166,634
Of the vinyl and vinylidene type in any polymerized or co-polymerized form.						
Polyvinyl chloride	lb.	6,607,823	4,702,161	4,705,360	5,634,825	6,387,615
	£A.	791,256	568,169	546,235	579,329	567,622
Polyvinyl chloride copolymers	lb.	1,324,854	2,437,764	3,096,719	4,684,518	4,550,366
	£A.	204,420	331,439	406,062	609,747	457,830
Polyvinyl acetate	lb.	505,028	148,572	229,521	297,878	176,806
	£A.	59,776	19,241	29,129	33,599	23,743
Other	lb.	1,957,772	562,021	1,319,366	2,899,157	2,580,694
	£A.	261,904	103,426	187,950	382,904	392,957
Of the acrylic type	lb.	259,130	434,569	498,470	755,749	879,702
	£A.	83,636	107,267	96,264	141,245	164,458
Of the polystyrene type	lb.	7,633,184	5,463,857	4,523,144	4,264,268	3,352,667
	£A.	1,232,528	837,820	742,560	705,997	505,491
Of the polyethylene type	lb.	2,680,280	4,671,405	7,171,166	14,078,692	4,890,945
	£A.	562,300	937,330	1,349,421	2,597,060	941,008
Cellulose Acetate (including Butyrate)	lb.	479,071	742,169	221,950	723,594	385,489
	£A.	124,549	200,170	59,604	166,217	91,757
Other	lb.	3,015,619	2,009,151	1,777,447	4,962,106	7,973,254
	£A.	490,953	470,110	419,318	1,290,973	2,423,784
<u>Blocks, Rods, Sheets and Preformed Shapes not further processed</u>						
Of the phenolic type	lb.	195,162	9,651	10,195	5,746	9,235
	£A.	69,240	4,458	5,296	4,341	5,195
Of the amino type	lb.	7,463	92	44	53,803	832
	£A.	3,733	53	12	24,669	413
Of the vinyl or vinylidene type in any polymerized or co-polymerized form	lb.	974,945	1,215,403	351,764	529,577	835,089
	£A.	307,511	240,182	153,637	257,700	352,682
Of the acrylic type	lb.	1,727,099	1,621,625	1,389,905	2,101,101	1,989,103
	£A.	657,159	610,970	520,766	751,953	720,811
Of the polystyrene type	lb.	41,037	37,741	56,059	53,398	55,395
	£A.	25,324	23,684	28,563	38,715	36,542
Of the polyethylene type	lb.	21,844	67,067	38,989	17,811	21,090
	£A.	10,228	25,446	18,447	7,201	8,338
Cellulose Acetate (incl. transparent paper from 1st July 1955) and Butyrate	lb.	696,332	3,104,377	1,800,268	1,469,545	1,150,916
	£A.	412,170	1,046,505	697,309	708,153	582,858
Cellulose nitrate (celluloid)	lb.	(a)	418,428	360,967	481,511	390,171
	£A.	(a)	149,903	147,467	216,652	171,050
Other	£A.	95,709	105,878	71,134	56,522	84,510

(a) Not recorded separately.

NOTE: Values are expressed in £A. f.o.b. port of shipment.