

○ 일본의 플라스틱 소비량 통계

ABS Consumption in Japan		
	1000tonnes	
Market	1990	1991
Vehicles	103	99
Electrical appliances	141	142
General machinery parts	128	133
Miscellaneous goods	119	119
Other	9	10
Domestic total	500	503
<u>Export</u>	<u>105</u>	<u>118</u>
Total	605	611

ACRYLIC Consumption in Japan		
	1000tonnes	
Market	1990	1991
Molding materials	58	60
Board materials	77	80
Domestic total	135	140
<u>Export</u>	<u>21</u>	<u>21</u>
Total	156	161

EPOXY Consumption in Japan		
	1000tonnes	
Market	1990	1991
Painting	58	59
Electrical appliances	61	63
Construction adhesives&others	34	35
Domestic total	153	157
<u>Export</u>	<u>7</u>	<u>9</u>
Total	161	166

NYLONS Consumption in Japan		
	1000tonnes	
Market	1990	1991
Nylon 6		
Injection	78	72
Extrusion	25	27
Nylon 66		
Injection	62	54
Extrusion	2	3
Nylon 11, 12		
Injection	9	8
Extrusion	4	4
Domestic total	180	168
<u>Export</u>	<u>35</u>	<u>38</u>
Total	215	206

PHENOLIC Consumption in Japan		
	1000tonnes	
Market	1990	1991
Molding materials	67	66
Laminates and decorative sheet core	106	108
Shell molding	45	45
Process adhesive for wood	32	31
<u>Other</u>	<u>135</u>	<u>136</u>
Total	385	386

POLYETHYLENE TEREPHTHALATE Consumption in Japan		
	1000tonnes	
Market	1990	1991
Molding PET		
Injection molding	13	14
Bottle	116	126
<u>Extrusion & other</u>	<u>1</u>	<u>1</u>
Total	130	141

POLYBUTYLENE TEREPHTHALATE Consumption in Japan		
	1000tonnes	
Market	1990	1991
Automotive & vehicle	22	24
Electric & electronics	33	35
Other	5	5
Domestic total	60	64
<u>Export</u>	<u>7</u>	<u>7</u>
Total	67	71

REINFORCED POLYESTER Consumption in Japan		
	1000tonnes	
Market	1990	1991
Construction	38	36
Building materials	194	191
Marine and ship	40	35
Automotive & vehicles	25	26
Tanks and containers	49	51
Industrial materials	54	56
Miscellaneous uses	41	44
<u>Other</u>	<u>13</u>	<u>6</u>
Total	454	445

UNSATURATED POLYESTER Consumption in Japan		
	1000tonnes	
Market	1990	1991
RP use	210	202
Non RP use	48	45
Domestic total	258	247
Export	5	4
Total	263	252

HIGH DENSITY POLYETHYLENE Consumption in Japan		
	1000tonnes	
Market	1990	1991
Injection molding	149	141
Blow molding	156	148
Film	340	350
Flat yarn	75	72
Fiber	48	44
Pipe	71	80
Other	150	151
Domestic total	988	986
Export	139	140
Total	1127	1126

LOW DENSITY POLYETHYLENE Consumption in Japan		
	1000tonnes	
Market	1990	1991
Film	702	704
Paper treating	255	256
Wire covering	83	91
Injection molding	101	96
Pipe	21	24
Blow molding	53	49
Other	220	233
Domestic total	1435	1453
Export	167	232
Total	1602	1685

POLYPROPYLENE Consumption in Japan		
	1000tonnes	
Market	1990	1991
Injection molding	1074	1050
Film	416	420
Flat yarn	88	78
Fiber	55	66
Blow molding	37	38
Extrusion	190	188
Other	73	82
Domestic total	1933	1920
Export	150	180
Total	2083	2100

POLYSTYRENE Consumption in Japan		
	1000tonnes	
Market	1990	1991
Electrical and industrial parts	407	410
Packaging uses	272	258
Miscellaneous and others	200	180
Foam	175	180
Domestic total	1054	1028
Export	130	137
Total	1184	1165

POLYVINYL CHLORIDE(PVC) Consumption in Japan		
	1000tonnes	
Market	1990	1991
Rigid	1041	988
Flexible	586	586
Wire, other	317	323
Domestic total	1944	1897
Export	65	60
Total	2009	1957

UREA Consumption in Japan		
	1000tonnes	
Market	1990	1991
Molding materials	32	30
Adhesives	417	411
Others	35	33
Total	484	474

MELAMINE Consumption in Japan		
	1000tonnes	
Market	1990	1991
Molding	17	16
Decorative sheet	6	6
Painting	29	30
Adhesives	81	81
Others	9	9
Total	142	142

(Modern Plastics International, January 1992)

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