

○ 서유럽의 플라스틱 소비량 통계

| ABS Consumption in Western Europe ^a | | |
|---|------------|------------|
| Market | 1000tonnes | |
| | 1990 | 1991 |
| Appliances | 94 | 105 |
| Automotive | 135 | 121 |
| Electrical/electronics (including business machines, radio and TV, telephones, as well as other electrical uses. Does not include conduit or appliances.) | 94 | 98 |
| Furniture | 11 | 8 |
| Pipe and fitting (including telephone and electrical conduit) | 9 | 8 |
| Recreation (including boats) | 36 | 30 |
| Other | 128 | 122 |
| Total | 507 | 492 |

^a All Common Market countries plus Austria, Finland, Norway, Sweden, and Switzerland.

| ACRYLIC Consumption in Western Europe ^a | | |
|--|------------|------------|
| Market | 1000tonnes | |
| | 1990 | 1991 |
| Cast sheet | 91 | 85 |
| Extruded sheet | 50 | 47 |
| Molding and extrusion, except sheet | 70 | 66 |
| Total^b | 211 | 198 |

^a All Common Market countries plus Austria, Finland, Norway, Sweden, and Switzerland.
^b Figures do not include coatings, emulsions, etc.

| NYLONS ^a Consumption in Western Europe ^b | | |
|--|------------|-----------|
| Market | 1000tonnes | |
| | 1990 | 1991 |
| Extrusion | | |
| Monofilaments, bristle | 14 | 14 |
| Film | 39 | 39 |
| Sheet, rod, tube | 20 | 19 |
| Misc. extrusion | 6 | 6 |
| Total extrusion | 79 | 78 |

| | | |
|------------------------|------------|------------|
| Injection molding | | |
| Appliances | 20 | 19 |
| Consumer goods | 34 | 32 |
| Electrical/electronics | 74 | 73 |
| Machinery parts | 26 | 25 |
| Transportation | 101 | 97 |
| Misc. injection | 18 | 17 |
| Total injection | 273 | 263 |
| Other | 14 | 14 |
| Total | 366 | 355 |

^a All types 6, 6/6, 6/10, 11, 12, copolymers & amorphous types.
^b All Common Market countries plus Austria, Finland, Norway, Sweden, and Switzerland.
^c Includes powder coatings, hot melts, blow molding, monomer casting.

| POLYSTYRENE ^a Consumption in Western Europe ^b | | |
|---|-------------|-------------|
| Market | 1000tonnes | |
| | 1990 | 1991 |
| Appliances ^c | 257 | 255 |
| Automotive | 14 | 15 |
| Furniture | 72 | 70 |
| Housewares | 172 | 166 |
| Packaging | 904 | 871 |
| Refrigerators | 98 | 94 |
| Shoe heels | 18 | 16 |
| Toys | 58 | 55 |
| Miscellaneous | 213 | 217 |
| Total | 1086 | 1759 |

^a Injection molding, including structural foam, extrusion, including extruded foam sheet.
^b All Common Market countries plus Austria, Finland, Norway, Sweden, and Switzerland.
^c Does not include refrigerators, includes TV, radio, and phonographs.

| EXPANDABLE POLYSTYRENE Consumption in Western Europe ^a | | |
|--|------------|------------|
| Market | 1000tonnes | |
| | 1990 | 1991 |
| Building and construction | 354 | 344 |
| Packaging | 170 | 169 |
| Other | 23 | 22 |
| Total | 547 | 535 |

^a All Common Market countries plus Austria, Finland, Norway, Sweden, and Switzerland.

| HIGH DENSITY POLYETHYLENE Consumption in Western Europe ^a | | |
|---|-------------|-------------|
| Market | 1000tonnes | |
| | 1990 | 1991 |
| Blow molding | 1243 | 1257 |
| Film and sheeting | 410 | 431 |
| Injection molding | 769 | 796 |
| Monofilaments and slit/split film | 95 | 100 |
| Pipe and conduit | 347 | 363 |
| Wire and cable | 28 | 28 |
| Miscellaneous | 82 | 81 |
| Total | 2974 | 3056 |

^a All Common Market countries plus Austria, Finland, Norway, Sweden, and Switzerland.

| LOW DENSITY POLYETHYLENE Consumption in Western Europe ^a | | |
|--|-------------------------|-------------|
| Market | 1000tonnes ^b | |
| | 1990 | 1991 |
| Blow molding | 104 | 105 |
| Extrusion coating | 370 | 381 |
| Film and sheeting | 3946 | 3974 |
| Injection molding | 296 | 298 |
| Pipe and conduit | 102 | 107 |
| Wire and cable | 197 | 197 |
| Miscellaneous | 242 | 259 |
| Total | 5257 | 5321 |

^a All Common Market countries, plus Austria, Finland, Norway, Sweden, and Switzerland.
^b Includes LLDPE.

| POLYPROPYLENE Consumption in Western Europe ^a | | |
|--|-------------|-------------|
| Market | 1000tonnes | |
| | 1990 | 1991 |
| Film | 647 | 692 |
| Molding and extrusion | 1997 | 2081 |
| Spun fibers | 661 | 673 |
| Film fibers(raffia, etc.) | 388 | 392 |
| Total | 3693 | 3838 |

^a All Common Market countries plus Austria, Finland, Norway, Sweden, and Switzerland.

| VINYL Consumption in Western Europe ^a | | |
|---|-------------|-------------|
| Market | 1000tonnes | |
| | 1990 | 1991 |
| Rigid PVC | | |
| Bottles | 451 | 440 |
| Film and sheeting | 632 | 580 |
| Injection molding | 40 | 40 |
| Pipe and conduit | 1278 | 1290 |
| Profile extrusion | 779 | 783 |
| Records | 35 | 30 |
| Miscellaneous | 100 | 93 |
| Total rigid | 3315 | 3256 |
| Plasticized PVC | | |
| Coated fabrics | 229 | 213 |
| Film and sheet | 389 | 399 |
| Flooring | 234 | 224 |
| Tubing and other profiles | 209 | 199 |
| Wire and cable | 435 | 422 |
| Miscellaneous flexible | 316 | 283 |
| Total plasticized | 1812 | 1740 |
| Other applications (adhesives, paper coating, etc.) | 15 | 10 |
| Total consumption | 5142 | 5006 |

^a All Common Market countries plus Austria, Finland, Norway, Sweden, and Switzerland.

| POLYURETHANE Consumption in Western Europe ^a | | |
|---|-------------|-------------|
| Market | 1000tonnes | |
| | 1990 | 1991 |
| Flexible foam | 635 | 640 |
| Semi-rigid foam. | | |
| automotive | 90 | 88 |
| Semi-rigid foam, | | |
| shoe soles | 63 | 63 |
| Rigid ^b foam | 458 | 463 |
| Other ^c | 354 | 363 |
| Total | 1600 | 1617 |

^a All Common Market countries plus Austria, Finland, Norway, Sweden, and Switzerland.
^b Includes self-skinning rigid(duromer) systems.
^c Includes urethane elastomers, paints, adhesives, textile coatings, synthetic leather.
 Note : Figures represent consumption of urethane raw materials(i. e. polyols and isocyanates).

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