

Total PPR 3261 Random Copolymer Polypropylene, Extrusion Grade

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Extrusion Grade

Material Notes:

Polypropylene PPR 3261 is a high melt strength random copolymer polypropylene with a melt flow index of 1.8 g/10 min suitable for extrusion applications. Information provided by Total Petrochemicals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-PPR-3261-Random-Copolymer-Polypropylene-Extrusion-Grade.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.902 g/cc	0.902 g/cc	ISO 1183
Bulk Density	0.525 g/cc	0.0190 lb/in ³	ISO 1183
Melt Flow	1.8 g/10 min @Load 2.16 kg, Temperature 230 °C	1.8 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	82	82	ISO 2039-2
Tensile Strength, Yield	25.0 MPa	3630 psi	ISO 572-2
Elongation at Yield	10 %	10 %	ISO 572-2
Tensile Modulus	1.00 GPa	145 ksi	ISO 572-2
Flexural Modulus	0.900 GPa	131 ksi	ISO 178
Izod Impact, Notched (ISO)	16.0 kJ/m ²	7.61 ft-lb/in ²	ISO 180
Charpy Impact, Notched	2.00 J/cm ²	9.52 ft-lb/in ²	ISO 179

Thermal Properties	Metric	English	Comments
Melting Point	144 °C	291 °F	ISO 3146
Vicat Softening Point	67.0 °C @Load 5.10 kg	153 °F @Load 11.2 lb	50°C per hour; ISO 306
	130 °C @Load 1.02 kg	266 °F @Load 2.25 lb	50°C per hour; ISO 306

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