

Total PPC 1640 Polypropylene, Heterophasic Copolymer, Non-pressure Pipes

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

Material Notes:

Polypropylene PPC 1640 is a nucleated heterophasic (block) copolymer with a Melt Flow index of 0.3 g/10 min. This resin has a long-term heat stabilization package. It exhibits high stiffness in combination with outstanding impact strength even at very low temperatures. Polypropylene PPC 1640 has been specifically developed for the extrusion of non-pressure pipes. Other applications include sheet and blow molding. Information provided by Total Petrochemicals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-PPC-1640-Polypropylene-Heterophasic-Copolymer-Non-pressure-Pipes.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.905 g/cc	0.905 g/cc	ISO 1183
Bulk Density	0.525 g/cc	0.0190 lb/in ³	ISO 1183
Melt Flow	0.30 g/10 min @Load 2.16 kg, Temperature 230 °C	0.30 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	28.0 MPa	4060 psi	ISO 527-2
Elongation at Yield	9.0 %	9.0 %	ISO 527-2
Tensile Modulus	1.34 GPa	194 ksi	ISO 527-2
Flexural Modulus	1.35 GPa	196 ksi	ISO 178
Izod Impact, Notched (ISO)	8.00 kJ/m ² @Temperature -20.0 °C	3.81 ft-lb/in ² @Temperature -4.00 °F	ISO 180
	>= 80.0 kJ/m ² @Temperature 23.0 °C	>= 38.1 ft-lb/in ² @Temperature 73.4 °F	ISO 180
Charpy Impact, Notched	0.800 J/cm ² @Temperature -20.0 °C	3.81 ft-lb/in ² @Temperature -4.00 °F	ISO 179
	>= 8.00 J/cm ² @Temperature 23.0 °C	>= 38.1 ft-lb/in ² @Temperature 73.4 °F	ISO 179

Thermal Properties	Metric	English	Comments
Melting Point	165 °C	329 °F	ISO 3146

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China