

Total PPC 9760 Polypropylene, Heterophasic Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

ATOFINA Propylene 9760 is heterophasic copolymer. PPC 9760 is characterized by improved stiffness, creep resistance and high impact resistance.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-PPC-9760-Polypropylene-Heterophasic-Copolymer.php

Physical Properties	Metric	English	Comments
Bulk Density	0.525 g/cc	0.0190 lb/in ³	ISO 1183
Density	0.905 g/cc	0.0327 lb/in ³	ISO 1183
Melt Flow	25 g/10 min @Load 2.16 kg, Temperature 230 °C	25 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	83	83	ISO 2039-2
Tensile Strength, Yield	25.0 MPa	3630 psi	ISO 527-2
Elongation at Yield	6.5 %	6.5 %	ISO 527-2
Tensile Modulus	1.40 GPa	203 ksi	ISO 527-2
Flexural Modulus	1.30 GPa	189 ksi	ISO 527-2
Izod Impact, Notched (ISO)	7.00 kJ/m ²	3.33 ft-lb/in ²	ISO 179
	5.00 kJ/m ² @Temperature -20.0 °C	2.38 ft-lb/in ² @Temperature -4.00 °F	ISO 179
Charpy Impact, Notched	0.800 J/cm ²	3.81 ft-lb/in ²	ISO 179
	>= 4.00 J/cm ²	>= 19.0 ft-lb/in ²	ISO 180
	0.550 J/cm ² @Temperature -20.0 °C	2.62 ft-lb/in ² @Temperature -4.00 °F	ISO 179

Thermal Properties	Metric	English	Comments
Melting Point	165 °C	329 °F	ISO 3146
Deflection Temperature at 0.46 MPa (66 psi)	90.0 °C	194 °F	120°C per hour; ISO 75-2

Thermal Properties	Metric	English	Comments
Vicat Softening Point	70.0 °C	158 °F	50N-50°C per hour; ISO 306
	140 °C	284 °F	10N-50°C per hour; ISO 306

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