

Total PPC 4720XWZ Polypropylene, Impact Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

Material Notes:

TOTAL Petrochemicals Polypropylene 4720XWZ is a nucleated impact copolymer with a Melt Flow index of 25 g/10 min. TOTAL

Polypropylene 4720XWZ is characterized by improved stiffness, creep resistance, high impact resistance, antistatic properties and has been formulated to allow faster cycling through early demolding. Total Polypropylene 4720XWZ has been developed specifically for the injection molding of garden furniture, housewares and thin-walled articles. Information provided by Total Petrochemicals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-PPC-4720XWZ-Polypropylene-Impact-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.905 g/cc	0.905 g/cc	ASTM D1505
Melt Flow	25 g/10 min	25 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	27.0 MPa	3920 psi	ASTM D638
Elongation at Yield	6.0 %	6.0 %	ASTM D638
Flexural Modulus	1.45 GPa	210 ksi	ASTM D790
Izod Impact, Notched	0.450 J/cm	0.843 ft-lb/in	ASTM D256
	@Temperature -20.0 °C	@Temperature -4.00 °F	
	1.05 J/cm	1.97 ft-lb/in	ASTM D256
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Charpy Impact, Notched	0.450 J/cm ²	2.14 ft-lb/in ²	DIN 53453
	@Temperature -20.0 °C	@Temperature -4.00 °F	
	0.950 J/cm ²	4.52 ft-lb/in ²	DIN 53453
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Melting Point	160 - 165 °C	320 - 329 °F	TOTAL Method
Deflection Temperature at 0.46 MPa (66 psi)	90.0 °C	194 °F	Pressure unspecified; ASTM D648
Vicat Softening Point	150 °C	302 °F	ASTM D1525

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