

PolyOne Maxxam™ PPH-20C UV Natural Polypropylene Homopolymer (PP Homopolymer)

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

PolyOne's Maxxam™ family of polypropylene- and polyethylene-based products covers a wide range of applications, markets and performance requirements. Standard grades are compounded with calcium carbonate, glass and talc to provide a desired balance of properties including stiffness, durability, impact resistance and heat resistance. Custom grades are available with features such as UV stabilizers, heat stabilizers, custom color, high impact, etc. Information provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Maxxam-PPH-20C-UV-Natural-Polypropylene-Homopolymer-PP-Homopolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.04 g/cc	1.04 g/cc	ASTM D792
Melt Flow	11 g/10 min	11 g/10 min	Procedure A; ASTM D1238
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	25.5 MPa	3700 psi	Type I, 51 mm/min; ASTM D638
Elongation at Break	99 %	99 %	Type I, 51 mm/min; ASTM D638
Flexural Strength	35.9 MPa	5210 psi	ASTM D790
Flexural Modulus	1.65 GPa	239 ksi	ASTM D790
Izod Impact, Notched	0.320 J/cm	0.599 ft-lb/in	Injection Molded; ASTM D256A
	@Thickness 3.18 mm, Temperature 23.0 °C	@Thickness 0.125 in, Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	90.6 °C	195 °F	Unannealed; ASTM D648
	@Thickness 3.18 mm	@Thickness 0.125 in	

Processing Properties	Metric	English	Comments
Mold Temperature	16.0 - 50.0 °C	60.8 - 122 °F	

Descriptive Properties	Value	Comments
Appearance	Natural Color	

Features Descriptive Properties	General Purpose Value	Comments
	Good UV Resistance	
	Homopolymer	
Filler / Reinforcement	Calcium Carbonate Filler	
	Unspecified FillerReinfor., 20% Filler by Weight	
Forms	Pellets	
Generic Material	PP Homopolymer	
Generic Name	Polypropylene Homopolymer (PP Homopolymer)	
Processing Method	Injection Molding	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	Automotive Applications	
	Construction Applications	
	Consumer Applications	
	General Purpose	
	Industrial Applications	

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