

Global PP-2512-H Polypropylene Block Copolymer

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

Material Notes:

Description-opacity, medium to high stiffness, high impact strength at low temperatureApplications-special for wire & cable, telecom insulationInformation provided by Global Polymers Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Global-PP-2512-H-Polypropylene-Block-Copolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	2.1 g/10 min @Load 2.16 kg, Temperature 230 °C	2.1 g/10 min @Load 4.76 lb, Temperature 446 °F	L; ASTM D1238

Mechanical Properties	Metric	English	Comments
Ball Indentation Hardness	55.0 MPa	7980 psi	DIN 53456
Tensile Strength, Yield	23.0 MPa	3340 psi	ASTM D638
Shear Modulus	0.490 GPa	71.1 ksi	DIN 53457
Charpy Impact, Notched	1.00 J/cm ² @Temperature -20.0 °C	4.76 ft-lb/in ² @Temperature -4.00 °F	DIN 53453

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	91.1 °C	196 °F	Unannealed; ASTM D648

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