

Global GPP-2000 Polypropylene Impact Copolymer, Cold Temperature Impact Resistant, Nucleated

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

Material Notes:

Information provided by Global Polymers Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Global-GPP-2000-Polypropylene-Impact-Copolymer-Cold-Temperature-Impact-Resistant-Nucleated.php

Physical Properties	Metric	English	Comments
Melt Flow	20 g/10 min	20 g/10 min	L; ASTM D1238
	@Load 2.16 kg, Temperature 230 Â°C	@Load 4.76 lb, Temperature 446 Â°F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	22.1 MPa	3200 psi	Type 1 Specimen, Rate: 2"/min; ASTM D638
Flexural Modulus	1.07 GPa	155 ksi	ASTM D790
Izod Impact, Notched	NB	NB	ASTM D256
Dart Drop, Total Energy	19.8 J	14.6 ft-lb	0.5 in/sec; ASTM D3763
	@Temperature -30.0 Â°C	@Temperature -22.0 Â°F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	79.4 Â°C	175 Â°F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	43.3 Â°C	110 Â°F	ASTM D648

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