

## Global GPP-2500 Polypropylene Impact Copolymer, 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-2500-Polypropylene-Impact-Copolymer-Nucleated.php](http://www.lookpolymers.com/polymer_Global-GPP-2500-Polypropylene-Impact-Copolymer-Nucleated.php)

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in <sup>3</sup>	ASTM D792
Melt Flow	25 g/10 min @Load 2.16 kg, Temperature 230 Å°C	25 g/10 min @Load 4.76 lb, Temperature 446 Å°F	L; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	21.4 MPa	3100 psi	Type 1 Specimen, Rate: 2"/min; ASTM D638
Flexural Modulus	1.17 GPa	170 ksi	ASTM D790
Izod Impact, Notched	1.39 J/cm	2.60 ft-lb/in	ASTM D256
	0.534 J/cm @Temperature -30.0 Å°C	1.00 ft-lb/in @Temperature -22.0 Å°F	ASTM D256
	0.854 J/cm @Temperature 0.000 Å°C	1.60 ft-lb/in @Temperature 32.0 Å°F	ASTM D256
Dart Drop, Total Energy	38.4 J @Temperature -30.0 Å°C	28.3 ft-lb @Temperature -22.0 Å°F	150 in/sec; ASTM D3763

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	96.1 Å°C	205 Å°F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	57.8 Å°C	136 Å°F	ASTM D648

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