

Global GPC-105-S Enhanced Modulus, Structural Grade Polycarbonate

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate, Molded

Material Notes:

Information provided by Global Polymers Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Global-GPC-105-S-Enhanced-Modulus-Structural-Grade-Polycarbonate.php

Physical Properties	Metric	English	Comments
Density	1.21 g/cc	0.0437 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0050 cm/cm	0.0050 in/in	ASTM D955
Melt Flow	10 g/10 min @Load 1.20 kg, Temperature 300 °C	10 g/10 min @Load 2.65 lb, Temperature 572 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	51.0 MPa	7400 psi	ASTM D638
Flexural Modulus	2.76 GPa	400 ksi	ASTM D790
Izod Impact, Notched	6.41 J/cm	12.0 ft-lb/in	ASTM D256

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