

Styron LGF 7600 Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Overview: STYRON LGF7600 is intended for use injection molding applications that require high stiffness. The material has good processability and fast cycle times. It contains nucleating agent. LGF 7600 can be used in combination with LGF glass concentrates for automotive applications. Applications: Automotive Structural Combination with LGF glass concentrates Information provided by Styron

Order this product through the following link:

http://www.lookpolymers.com/polymer_Styron-LGF-7600-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D792
Melt Flow	35 g/10 min @Load 2.16 kg, Temperature 230 °C	35 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	34.0 MPa @Thickness 3.20 mm	4930 psi @Thickness 0.126 in	Injection Molded; ASTM D638
Elongation at Yield	7.0 % @Thickness 3.20 mm	7.0 % @Thickness 0.126 in	Injection Molded; ASTM D638
Flexural Modulus	1.42 GPa	206 ksi	ASTM D790
Izod Impact, Notched	0.270 J/cm @Thickness 3.20 mm, Temperature 23.0 °C	0.506 ft-lb/in @Thickness 0.126 in, Temperature 73.4 °F	Injection Molded; ASTM D256

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