

Loxim 120 01V0 Polycarbonate, 20% Glass Filled, Flame Retardant

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate, 20% Glass Filled , Polycarbonate, Glass Fiber Filled, Flame Retardant

Material Notes:

Information provided by Loxim Industries

Order this product through the following link:

http://www.lookpolymers.com/polymer_Loxim-120-01V0-Polycarbonate-20-Glass-Filled-Flame-Retardant.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.35 g/cc	1.35 g/cc	ASTM D792
Filler Content	20 %	20 %	
Linear Mold Shrinkage	0.0020 - 0.0050 cm/cm	0.0020 - 0.0050 in/in	ASTM D1299

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	90.0 - 95.0 MPa	13100 - 13800 psi	ASTM D683
Elongation at Break	>= 3.0 %	>= 3.0 %	ASTM D638
Tensile Modulus	6.00 GPa	870 ksi	ASTM D638
Flexural Modulus	5.50 GPa	798 ksi	ASTM D790
Izod Impact, Notched	0.800 - 1.00 J/cm	1.50 - 1.87 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	145 - 150 Å°C	293 - 302 Å°F	ASTM D1525, HDT Method B
Flammability, UL94	V-0 @Thickness 1.60 mm	V-0 @Thickness 0.0630 in	

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