

Loxim 820 01 HBCC Polypropylene Compound, 20% Chemically Coupled, Flame Retardant

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

Material Notes:

Information provided by Loxim Industries

Order this product through the following link:

http://www.lookpolymers.com/polymer_Loxim-820-01-HBCC-Polypropylene-Compound-20-Chemically-Coupled-Flame-Retardant.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.00 - 1.10 g/cc	1.00 - 1.10 g/cc	ASTM D792
Filler Content	20 %	20 %	
	30 %	30 %	
Linear Mold Shrinkage	0.0060 - 0.0080 cm/cm	0.0060 - 0.0080 in/in	ASTM D1299

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	70.0 - 80.0 MPa	10200 - 11600 psi	ASTM D683
Elongation at Break	4.0 - 6.0 %	4.0 - 6.0 %	ASTM D638
Flexural Modulus	4.00 - 4.50 GPa	580 - 653 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)	135 - 145 Å°C	275 - 293 Å°F	ASTM D1525, HDT Method B
Flammability, UL94	HB	HB	
	@Thickness 1.60 mm	@Thickness 0.0630 in	

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