

Loxim 830 01 HBCC Polypropylene Compound 30% 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-830-01-HBCC-Polypropylene-Compound-30-Chemically-Coupled-Flame-Retardant.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.05 - 1.15 g/cc	1.05 - 1.15 g/cc	ASTM D792
Filler Content	30 %	30 %	
Linear Mold Shrinkage	0.0040 - 0.0060 cm/cm	0.0040 - 0.0060 in/in	ASTM D1299

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	90.0 - 100 MPa	13100 - 14500 psi	ASTM D683
Elongation at Break	4.0 - 6.0 %	4.0 - 6.0 %	ASTM D638
Flexural Modulus	5.00 - 5.50 GPa	725 - 798 ksi	ASTM D790
Izod Impact, Notched	1.00 - 1.20 J/cm	1.87 - 2.25 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	145 - 155 Â°C	293 - 311 Â°F	ASTM D1525, HDT Method B
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	

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