

Loxim 830 01 HB Polypropylene Compound, Flame Retardant

Category : Polymer , Thermoplastic , Polypropylene (PP) , 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-HB-Polypropylene-Compound-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	0.0050 - 0.0070 cm/cm	0.0050 - 0.0070 in/in	ASTM D1299

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	50.0 - 55.0 MPa	7250 - 7980 psi	ASTM D683
Elongation at Break	8.0 - 10 %	8.0 - 10 %	ASTM D638
Flexural Modulus	4.00 - 4.50 GPa	580 - 653 ksi	ASTM D790
Izod Impact, Notched	0.550 - 0.650 J/cm	1.03 - 1.22 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	125 - 135 °C	257 - 275 °F	ASTM D1525, HDT Method B
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	

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