

Loxim 830 12 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-830-12-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	48.0 - 52.0 MPa	6960 - 7540 psi	ASTM D683
Elongation at Break	8.0 - 10 %	8.0 - 10 %	ASTM D638
Flexural Modulus	3.80 - 4.20 GPa	551 - 609 ksi	ASTM D790
Izod Impact, Notched	0.500 - 0.600 J/cm	0.937 - 1.12 ft-lb/in	ASTM D256

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

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