

Loxim 820 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-820-12-HB-Polypropylene-Compound-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 %	
Linear Mold Shrinkage	0.0070 - 0.0090 cm/cm	0.0070 - 0.0090 in/in	ASTM D1299

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	38.0 - 42.0 MPa	5510 - 6090 psi	ASTM D683
Elongation at Break	8.0 - 12 %	8.0 - 12 %	ASTM D638
Flexural Modulus	2.80 - 3.20 GPa	406 - 464 ksi	ASTM D790
Izod Impact, Notched	0.400 - 0.500 J/cm	0.749 - 0.937 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	120 - 130 Â°C	248 - 266 Â°F	ASTM D1525, HDT Method B
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	

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