

Loxim 811 02T HB Polypropylene Compound, 10% Talc Filled, Flame Retardant

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 10% Talc Filler , Polypropylene, Flame Retardant

Material Notes:

Information provided by Loxim Industries

Order this product through the following link:

http://www.lookpolymers.com/polymer_Loxim-811-02T-HB-Polypropylene-Compound-10-Talc-Filled-Flame-Retardant.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.920 - 1.02 g/cc	0.920 - 1.02 g/cc	ASTM D792
Filler Content	10 %	10 %	
Linear Mold Shrinkage	0.011 - 0.013 cm/cm	0.011 - 0.013 in/in	ASTM D1299

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	28.0 - 90.0 MPa	4060 - 13100 psi	ASTM D683
Flexural Modulus	1.60 - 1.70 GPa	232 - 247 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)	98.0 - 102 Â°C	208 - 216 Â°F	ASTM D1525, HDT Method B
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	

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