

Loxim 831 02T HB Polypropylene Compound, 30% Talc Filled, Flame Retardant

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 30% 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-831-02T-HB-Polypropylene-Compound-30-Talc-Filled-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	0.011 - 0.013 cm/cm	0.011 - 0.013 in/in	ASTM D1299

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	24.0 - 26.0 MPa	3480 - 3770 psi	ASTM D683
Flexural Modulus	2.20 - 2.40 GPa	319 - 348 ksi	ASTM D790
Izod Impact, Notched	0.400 - 0.600 J/cm	0.749 - 1.12 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	110 - 115 Å°C	230 - 239 Å°F	ASTM D1525, HDT Method B
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	

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