

Loxim 820 02T HB Polypropylene Compound, 20% Talc Filled, Flame Retardant

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 20% 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-820-02T-HB-Polypropylene-Compound-20-Talc-Filled-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	0.013 - 0.015 cm/cm	0.013 - 0.015 in/in	ASTM D1299

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	30.0 - 32.0 MPa	4350 - 4640 psi	ASTM D683
Flexural Modulus	2.00 - 2.20 GPa	290 - 319 ksi	ASTM D790
Izod Impact, Notched	0.300 - 0.400 J/cm	0.562 - 0.749 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	110 - 120 Â°C	230 - 248 Â°F	ASTM D1525, HDT Method B
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	

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