Loxim 820 02T V0 Polypropylene Compound, 20% Talc Filled, Flame Retardant

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 20% Talc Filler

Material Notes:

Information provided by Loxim Industries

Order this product through the following link:
http://www.lookpolymers.com/polymer_Loxim-820-02T-V0-Polypropylene-Compound-20-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	20 %	20 %	
Linear Mold Shrinkage	0.010 - 0.012 cm/cm	0.010 - 0.012 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	2.50 - 2.70 GPa	363 - 392 ksi	ASTM D790
Izod Impact, Notched	0.350 - 0.450 J/cm	0.656 - 0.843 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	105 - 110 Â°C	221 - 230 Â°F	ASTM D1525, HDT Method B
Flammability, UL94	V-0 @Thickness 1.60 mm	V-0 @Thickness 0.0630 in	

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