

Loxim 830 02C HB Polypropylene Compound, 30% Calcite Filled, Flame Retardant

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 30% Calcium Carbonate (CaCO₃) Filler , Polypropylene, Flame Retardant

Material Notes:

Information provided by Loxim Industries

Order this product through the following link:

http://www.lookpolymers.com/polymer_Loxim-830-02C-HB-Polypropylene-Compound-30-Calcite-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	0.013 - 0.015 cm/cm	0.013 - 0.015 in/in	ASTM D1299

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	26.0 - 28.0 MPa	3770 - 4060 psi	ASTM D683
Flexural Modulus	1.80 - 2.00 GPa	261 - 290 ksi	ASTM D790
Izod Impact, Notched	0.250 - 0.350 J/cm	0.468 - 0.656 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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