

Teknor Apex Sinpolene CPP2040 Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer , Polypropylene with 40% Calcium Carbonate (CaCO3) Filler

Material Notes:

Availability: Africa & Middle East; Latin America; Asia Pacific; South America Calcium Carbonate Filler, 30% Filler by Weight Features:

Copolymer Uses: Automotive Applications; Industrial Applications Forms: Pellets Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-Sinpolene-CPP2040-Polypropylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.22 g/cc	1.22 g/cc	ASTM D792
Linear Mold Shrinkage	0.0090 cm/cm	0.0090 in/in	ASTM D955
Melt Flow	9.00 g/10 min @Load 2.16 kg, Temperature 230 °C	9.00 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	24.0 MPa	3480 psi	ASTM D638
Flexural Strength	32.0 MPa	4640 psi	ASTM D790
Flexural Modulus	1.75 GPa	254 ksi	ASTM D790
Izod Impact, Notched	0.534 J/cm @Temperature 22.8 °C	1.00 ft-lb/in @Temperature 73.0 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	110 °C	230 °F	Unannealed; ASTM D648
Vicat Softening Point	146 °C	295 °F	Loading 1 (10N); ASTM D1525

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