

Teknor Apex Sinpolene CPP1050 Polypropylene

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

Material Notes:

Availability: Africa & Middle East; Latin America; Asia Pacific; South America Calcium Carbonate Filler, 40% Filler by Weight Features:

Homopolymer Uses: Appliance Components; Furniture; Housings Forms: Pellets Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-Sinpolene-CPP1050-Polypropylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.33 g/cc	1.33 g/cc	ASTM D792
Linear Mold Shrinkage	0.0070 cm/cm	0.0070 in/in	ASTM D955
Melt Flow	8.00 g/10 min @Load 2.16 kg, Temperature 230 Â°C	8.00 g/10 min @Load 4.76 lb, Temperature 446 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	27.0 MPa	3920 psi	ASTM D638
Flexural Strength	45.0 MPa	6530 psi	ASTM D790
Flexural Modulus	2.30 GPa	334 ksi	ASTM D790
Izod Impact, Notched	0.240 J/cm @Temperature 22.8 Â°C	0.450 ft-lb/in @Temperature 73.0 Â°F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	121 Â°C	250 Â°F	Unannealed; ASTM D648
Vicat Softening Point	148 Â°C	298 Â°F	Loading 1 (10N); ASTM D1525

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