

Teknor Apex Sinpolene CPP1020 Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 20% Calcium Carbonate (CaCO3) Filler

Material Notes:

Availability: Africa & Middle East; Latin America; Asia Pacific; South America Calcium Carbonate Filler, 20% 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-CPP1020-Polypropylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.04 g/cc	1.04 g/cc	ASTM D792
Linear Mold Shrinkage	0.010 cm/cm	0.010 in/in	ASTM D955
Melt Flow	10.0 g/10 min @Load 2.16 kg, Temperature 230 °C	10.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	32.0 MPa	4640 psi	ASTM D638
Flexural Strength	43.0 MPa	6240 psi	ASTM D790
Flexural Modulus	1.65 GPa	239 ksi	ASTM D790
Izod Impact, Notched	0.278 J/cm @Temperature 22.8 °C	0.520 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	148 °C	298 °F	Loading 1 (10N); ASTM D1525

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