

Teknor Apex Sinpolene CPP2030 Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer , Polypropylene with 30% 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-CPP2030-Polypropylene.php

| Physical Properties | Metric | English | Comments |
|-----------------------|---|---|------------|
| Specific Gravity | 1.12 g/cc | 1.12 g/cc | ASTM D792 |
| Linear Mold Shrinkage | 0.0090 cm/cm | 0.0090 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 | 25.0 MPa | 3630 psi | ASTM D638 |
| Flexural Strength | 30.0 MPa | 4350 psi | ASTM D790 |
| Flexural Modulus | 1.55 GPa | 225 ksi | ASTM D790 |
| Izod Impact, Notched | 0.641 J/cm @Temperature 22.8 °C | 1.20 ft-lb/in @Temperature 73.0 °F | ASTM D256 |

| Thermal Properties | Metric | English | Comments |
|---|--------|---------|-----------------------------|
| Deflection Temperature at 0.46 MPa (66 psi) | 107 °C | 225 °F | Unannealed; ASTM D648 |
| Vicat Softening Point | 146 °C | 295 °F | Loading 1 (10N); ASTM D1525 |

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