

Tipco Tipcolene® CR 7228 - 30% Talc/Mineral Reinforced Polypropylene Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

30% Mineral Reinforced PP Copolymer Applications: Automotive Dashboards Processing: Injection Molding Information provided by the Manufacturer, Tipco Industries Ltd., India.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Tipco-Tipcolene-CR-7228-30-TalcMineral-Reinforced-Polypropylene-Copolymer.php

| Physical Properties | Metric | English | Comments |
|-----------------------|--------------|---------------------------|------------|
| Density | 1.14 g/cc | 0.0412 lb/in ³ | ASTM D792 |
| Linear Mold Shrinkage | 0.011 cm/cm | 0.011 in/in | ASTM D955 |
| Melt Flow | 9.0 g/10 min | 9.0 g/10 min | ASTM D1238 |

| Mechanical Properties | Metric | English | Comments |
|----------------------------|------------------------|----------------------------|-----------|
| Tensile Strength, Yield | 24.5 MPa | 3550 psi | ASTM D638 |
| Elongation at Break | >= 25 % | >= 25 % | ASTM D638 |
| Flexural Yield Strength | 34.0 MPa | 4930 psi | ASTM D790 |
| Flexural Modulus | 2.20 GPa | 319 ksi | ASTM D790 |
| Izod Impact, Notched (ISO) | 11.0 kJ/m ² | 5.23 ft-lb/in ² | ASTM D256 |

| Thermal Properties | Metric | English | Comments |
|---|--------|---------|-----------|
| Deflection Temperature at 0.46 MPa (66 psi) | 128 °C | 262 °F | ASTM D648 |

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