

Kraton® G1650 + PP blend + Talc (12/21/67)

Category : Polymer , Thermoplastic , Elastomer, TPE , Polypropylene (PP)

Material Notes:

Unmodified polypropylene has high rigidity and good heat resistance, but poor impact resistance, especially at low temperatures. Blending KRATON D and G polymers with PP significantly improves the toughness at both room and low temperatures. KRATON polymers are block segments of styrene and rubber monomers (A-B, A-B-A, or [A-B]_n). The KRATON G series are second generation block polymers in which the rubber monomer is a saturated olefin polymer, either ethylene/butylene or ethylene/propylene. Kraton G polymer grades manufactured in France are labeled with an "E" for standard grades and "ES" for grades dusted with silica, for distribution in Europe, Africa and Asia Pacific. Information provided by the manufacturer, Kraton® Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kraton-G1650-PP-blend-Talc-122167.php

| Physical Properties | Metric | English | Comments |
|---------------------|---------------|---------------|----------|
| Melt Flow | 11.4 g/10 min | 11.4 g/10 min | |

| Mechanical Properties | Metric | English | Comments |
|-------------------------|--|---|-------------------------|
| Tensile Strength, Yield | 24.1 MPa | 3500 psi | |
| Elongation at Break | 310 % | 310 % | |
| Flexural Modulus | 2.21 GPa | 321 ksi | |
| Izod Impact, Notched | 0.850 J/cm @Temperature -30.0 °C | 1.59 ft-lb/in @Temperature -22.0 °F | 3.2 mm (0.125 in) notch |
| | 6.00 J/cm @Temperature 23.0 °C | 11.2 ft-lb/in @Temperature 73.4 °F | 3.2 mm (0.125 in) notch |

| Thermal Properties | Metric | English | Comments |
|--|---------|---------|----------|
| Deflection Temperature at 0.46 MPa (66 psi) | 80.0 °C | 176 °F | |

Contact Songhan Plastic Technology Co.,Ltd.Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China