

Kraton® G1730 + 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-G1730-PP-blend-Talc-122167.php

Physical Properties	Metric	English	Comments
Melt Flow	18 g/10 min	18 g/10 min	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	23.2 MPa	3360 psi	
Elongation at Break	160 %	160 %	
Flexural Modulus	2.21 GPa	321 ksi	
Izod Impact, Notched	8.06 J/cm	15.1 ft-lb/in	
	1.01 J/cm	1.89 ft-lb/in	
	@Temperature -30.0 °C	@Temperature -22.0 °F	3.2 mm (0.125 in) notch

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	78.7 °C	174 °F	

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