

Kraton® G1657 + PA-6 blend (16/4/80)

Category : Polymer , Thermoplastic , Elastomer, TPE , Nylon

Material Notes:

Blending KRATON D and G polymers with PA 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 FG polymers are functionalized versions of the G series. Available in the U.S. only. Information provided by the manufacturer, Kraton® Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kraton-G1657-PA-6-blend-16480.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	50.0 MPa	7250 psi	
Elongation at Break	190 %	190 %	
Flexural Modulus	1.70 GPa	247 ksi	
Izod Impact, Notched	1.44 J/cm @Temperature -29.0 °C	2.70 ft-lb/in @Temperature -20.2 °F	3.2 mm (0.125 in) notch
	7.26 J/cm @Temperature 23.0 °C	13.6 ft-lb/in @Temperature 73.4 °F	3.2 mm (0.125 in) notch

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