

Kraton® FG1901 + PA-6 blend (20/80)

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-FG1901-PA-6-blend-2080.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	50.0 MPa	7250 psi	
Elongation at Break	166 %	166 %	
Flexural Modulus	1.80 GPa	261 ksi	
Izod Impact, Notched	0.960 J/cm	1.80 ft-lb/in	3.2 mm (0.125 in) notch
	@Temperature -29.0 °C	@Temperature -20.2 °F	
	1.87 J/cm	3.50 ft-lb/in	3.2 mm (0.125 in) notch
	@Temperature 23.0 °C	@Temperature 73.4 °F	

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