

Kraton® G1652 + PPE blend (20/80)

Category : Polymer , Thermoplastic , Elastomer, TPE , Polyphenylene Ether/PPO

Material Notes:

Blending KRATON D and G polymers with PPE 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 D series consists of an unsaturated polymer, either butadiene or isoprene, as the rubber monomer. The high softening point of the HDPE and the low glass transition temperatures of the D1102 elastomeric midblock give the films a broad range of service temperatures, from below freezing to above boiling. All properties listed below are measured on blown film, 1 mil (25 microns) thick. Information provided by the manufacturer, Kraton® Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kraton-G1652-PPE-blend-2080.php

Mechanical Properties	Metric	English	Comments
Flexural Modulus	1.11 GPa	161 ksi	
Izod Impact, Notched	7.20 J/cm	13.5 ft-lb/in	3.2 mm (0.125 in) notch
	@Temperature -29.0 °C	@Temperature -20.2 °F	
	9.77 J/cm	18.3 ft-lb/in	3.2 mm (0.125 in) notch
	@Temperature 23.0 °C	@Temperature 73.4 °F	

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