

## Kraton® D1102 + PP blend (10/90)

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]<sub>n</sub>). The KRATON D series consists of an unsaturated polymer, either butadiene or isoprene, as the rubber monomer. Information provided by the manufacturer, Kraton® Polymers.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Kraton-D1102-PP-blend-1090.php](http://www.lookpolymers.com/polymer_Kraton-D1102-PP-blend-1090.php)

Physical Properties	Metric	English	Comments
Melt Flow	2.8 g/10 min	2.8 g/10 min	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	22.5 MPa	3260 psi	
Tensile Strength, Yield	28.0 MPa	4060 psi	
Flexural Modulus	1.40 GPa	203 ksi	
Izod Impact, Notched	0.721 J/cm @Temperature 0.000 °C	1.35 ft-lb/in @Temperature 32.0 °F	3.2 mm (0.125 in) notch
	1.12 J/cm @Temperature 23.0 °C	2.10 ft-lb/in @Temperature 73.4 °F	3.2 mm (0.125 in) notch
Falling Dart Impact	159 J	117 ft-lb	Falling weight impact at 23°C (73.4°F)

## Contact Songhan Plastic Technology Co.,Ltd.

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