

Buckeye Polymers BP FLEX D5512 RU BLK Thermoplastic Polyolefin

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Olefinic Elastomer (TPO)

Material Notes:

Product Information: TPO's are a family of thermoplastic elastomers which exhibit rubber-like properties and are processable on conventional thermoplastic equipment. Product Features: High tear resistance Good UV resistance Low density Wide service range from -20°C to 120°C Appearance: Black Forms: Pellets Processing Method: Injection Molding Information Provided by Buckeye Polymers, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Buckeye-Polymers-BP-FLEX-D5512-RU-BLK-Thermoplastic-Polyolefin.php

Physical Properties	Metric	English	Comments
Melt Flow	10 - 14 g/10 min	10 - 14 g/10 min	ASTM D1238
Ash	0.00 - 5.0 %	0.00 - 5.0 %	ASTM D5630

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	>= 10.1 MPa	>= 1470 psi	ASTM D638
Flexural Modulus	0.4699 - 0.94975 GPa	68.15 - 137.75 ksi	ASTM D790
Izod Impact, Notched	>= 2.14 J/cm	>= 4.00 ft-lb/in	ASTM D256

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