

Buckeye Polymers BP FLEX D5818 T 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-D5818-T-BLK-Thermoplastic-Polyolefin.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.00 g/cc	1.00 g/cc	ASTM D792
Melt Flow	17 - 21 g/10 min	17 - 21 g/10 min	ASTM D1238
Ash	15 %	15 %	ASTM D5630

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	>= 17.9 MPa	>= 2600 psi	ASTM D638
Flexural Modulus	>= 1.24 GPa	>= 180 ksi	ASTM D790
Izod Impact, Notched	>= 5.34 J/cm	>= 10.0 ft-lb/in	ASTM D256
Gardner Impact	>= 407 J	>= 300 ft-lb	ASTM D5420

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