

Buckeye Polymers BP FLEX D0850(C) 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-D0850C-BLK-Thermoplastic-Polyolefin.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D792
Melt Flow	8.0 - 12 g/10 min	8.0 - 12 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	50 - 56	50 - 56	ASTM D2240
Tensile Strength, Yield	>= 12.8 MPa	>= 1850 psi	ASTM D638
Flexural Modulus	0.462 - 0.600 GPa	67.0 - 87.0 ksi	ASTM D790
Izod Impact, Notched	1.07 J/cm @Temperature -30.0 °C	2.00 ft-lb/in @Temperature -22.0 °F	ASTM D256
	NB @Temperature 23.0 °C	NB @Temperature 73.4 °F	ASTM D256

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