

Buckeye Polymers BP Flex D0853 TPO

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

Material Notes:

TPO's are a family of thermoplastic elastomers which exhibit rubber-like properties and are processable on conventional thermoplastic equipment. These resins have excellent UV resistance and have a wide service range from -20 degrees C to 120 degrees C, high tear resistance, low density, and good paintability.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Buckeye-Polymers-BP-Flex-D0853-TPO.php

Physical Properties	Metric	English	Comments
Density	0.950 g/cc	0.0343 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.014 cm/cm	0.014 in/in	ASTM D955
Melt Flow	8.0 g/10 min	8.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	55	55	ASTM D2240
Tensile Strength, Ultimate	16.5 MPa	2390 psi	ASTM D638
Flexural Modulus	0.500 GPa	72.5 ksi	ASTM D790
Tear Strength	98.2 kN/m	560 pli	ASTM D624

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