

Buckeye Polymers BP Flex D0840 TPO

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

Material Notes:

Replace Flex PVCTPO'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-D0840-TPO.php

Physical Properties	Metric	English	Comments
Density	0.960 g/cc	0.0347 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.013 cm/cm	0.013 in/in	ASTM D955
Melt Flow	8.0 g/10 min	8.0 g/10 min	6-10 g/10 min, ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	40	40	ASTM D2240
Tensile Strength, Ultimate	9.70 MPa	1410 psi	ASTM D638
Flexural Modulus	0.100 GPa	14.5 ksi	ASTM D790
Tear Strength	31.6 kN/m	180 pli	ASTM D624

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