

Buckeye Polymers BP Flex D5606 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-D5606-TPO.php

Physical Properties	Metric	English	Comments
Density	1.01 g/cc	0.0365 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.016 cm/cm	0.016 in/in	ASTM D955
Melt Flow	7.0 g/10 min	7.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	56	56	ASTM D2240
Tensile Strength, Ultimate	17.9 MPa	2600 psi	ASTM D638
Flexural Modulus	0.600 GPa	87.0 ksi	ASTM D790
Tear Strength	91.2 kN/m	520 pli	ASTM D624

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