

Buckeye Polymers BP Flex D6707 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-D6707-TPO.php

Physical Properties	Metric	English	Comments
Density	1.12 g/cc	0.0405 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.014 cm/cm	0.014 in/in	ASTM D955
Melt Flow	6.0 g/10 min	6.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	67	67	ASTM D2240
Tensile Strength, Ultimate	15.9 MPa	2310 psi	ASTM D638
Flexural Modulus	1.10 GPa	160 ksi	ASTM D790
Tear Strength	92.9 kN/m	530 pli	ASTM D624

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