

Buckeye Polymers BP FLEX D6520 T 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 resistanceGood UV resistanceLow densityWide service range from -20°C to 120°C**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-D6520-T-BLK-Thermoplastic-Polyolefin.php

| Physical Properties | Metric | English | Comments |
|-----------------------|-----------------------|-----------------------|------------|
| Linear Mold Shrinkage | 0.0053 - 0.0059 cm/cm | 0.0053 - 0.0059 in/in | ASTM D955 |
| Melt Flow | 10 - 15 g/10 min | 10 - 15 g/10 min | ASTM D1238 |
| Ash | 25 - 30 % | 25 - 30 % | ASTM D5630 |

| Mechanical Properties | Metric | English | Comments |
|-------------------------|--|---|-----------|
| Tensile Strength, Yield | >= 16.5 MPa | >= 2400 psi | ASTM D638 |
| Flexural Modulus | >= 1.38 GPa | >= 200 ksi | ASTM D790 |
| Izod Impact, Notched | >= 0.534 J/cm @Temperature -30.0 °C | >= 1.00 ft-lb/in @Temperature -22.0 °F | ASTM D256 |
| | >= 1.60 J/cm @Temperature 23.0 °C | >= 3.00 ft-lb/in @Temperature 73.4 °F | ASTM D256 |

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