

## Buckeye Polymers BP Flex D8020 UC85 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-D8020-UC85-TPO.php](http://www.lookpolymers.com/polymer_Buckeye-Polymers-BP-Flex-D8020-UC85-TPO.php)

Physical Properties	Metric	English	Comments
Density	0.910 g/cc	0.0329 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage	0.010 cm/cm	0.010 in/in	ASTM D955
Melt Flow	10 g/10 min	10 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	56	56	ASTM D2240
Tensile Strength, Ultimate	26.2 MPa	3800 psi	ASTM D638
Flexural Modulus	1.10 GPa	160 ksi	ASTM D790
Gardner Impact	NB	NB	
Tear Strength	96.4 kN/m	550 pli	ASTM D624

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