

## LyondellBasell DEXFLEX® 711 TPO

Category : Polymer , Renewable/Recycled Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Olefinic Elastomer (TPO) , Polyolefin

### Material Notes:

Description: DEXFLEX® 711 is a thermoplastic olefinic elastomer compounded with post-industrial/post-consumer recycled materials. It is designed for use in applications that are (non-color matched) black, and that require very good processing characteristics. Applications: Wheel liners, filler panels, fan shrouds, air dams, and sight shields Information provided by Solvay Engineered Polymers. LyondellBasell acquired Solvay Engineered Polymers in 2008.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_LyondellBasell-DEXFLEX-711-TPO.php](http://www.lookpolymers.com/polymer_LyondellBasell-DEXFLEX-711-TPO.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.940 g/cc	0.940 g/cc	ASTM D792
Linear Mold Shrinkage	0.010 cm/cm	0.010 in/in	ASTM D995
Melt Flow	11 g/10 min	11 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	19.0 MPa	2760 psi	50 mm/min, Type 4; ASTM D638
Flexural Modulus	0.860 GPa	125 ksi	0.05 in/min, 1x3"; ASTM D790

Thermal Properties	Metric	English	Comments
CTE, linear	88.0 $\mu\text{m}/\text{m}\cdot^\circ\text{C}$ @Temperature 20.0 °C	48.9 $\mu\text{in}/\text{in}\cdot^\circ\text{F}$ @Temperature 68.0 °F	modified; ASTM D696

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