

Solvay Engineered Polymers DEXFLEX® 711-300 TPO (discontinued **)

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

Material Notes:

Description: DEXFLEX® 711-300 is a thermoplastic olefinic elastomer compound 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 Engineering PolymersLyondellBasell acquired Solvay Engineered Polymers in 2008. This grade is not part of the current LyondellBasell product line.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-Engineered-Polymers-DEXFLEX-711-300-TPO-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.10 g/cc	1.10 g/cc	ASTM D792
Linear Mold Shrinkage	0.0090 - 0.011 cm/cm	0.0090 - 0.011 in/in	ASTM D995
Melt Flow	10 g/10 min	10 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	17.3 MPa	2510 psi	2 in/min, Type 1; ASTM D638
Flexural Modulus	1.52 GPa	220 ksi	0.05 in/min, 1x3"; ASTM D790

Thermal Properties	Metric	English	Comments
CTE, linear	71.0 $\mu\text{m}/\text{m}\cdot^\circ\text{C}$ @Temperature 20.0 $^\circ\text{C}$	39.4 $\mu\text{in}/\text{in}\cdot^\circ\text{F}$ @Temperature 68.0 $^\circ\text{F}$	modified; ASTM D696

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