

Solvay Engineered Polymers DEXFLEX® 880 TPO (discontinued **)

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

Material Notes:

Description: DEXFLEX® 880 is a thermoplastic olefinic elastomer (TPO) designed for automotive exterior applications that require a combination of stiffness, low-temperature impact, good processability, and excellent weatherability. Applications: Bumper fascias and other large components that must exhibit durable paintability in exterior body colors. Information provided by Solvay Engineered Polymers. LyondellBasell 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-880-TPO-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D792
Linear Mold Shrinkage	0.0080 - 0.011 cm/cm	0.0080 - 0.011 in/in	as molded; ASTM D995
	0.012 - 0.015 cm/cm	0.012 - 0.015 in/in	after bake; ISO 294
Melt Flow	14 g/10 min	14 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	15.0 MPa	2180 psi	2 in/min; ASTM D638
Flexural Modulus	0.552 GPa	80.1 ksi	I.B., TAN, 0.5 in/min; ASTM D790

Thermal Properties	Metric	English	Comments
CTE, linear	108 µm/m-°C	60.0 µin/in-°F	modified; ASTM D696
	@Temperature 20.0 °C	@Temperature 68.0 °F	

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