

Solvay Engineered Polymers DEXFLEX® 925 TPO (discontinued **)

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

Material Notes:

Description: DEXFLEX® 925 is a thermoplastic olefinic elastomer (TPO) designed for automotive exterior applications that require a combination of stiffness, low-temperature impact resistance, and excellent processability. Applications: Bumper fascias, and other large components that must exhibit durable paintability or excellent weatherability 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-925-TPO-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.950 g/cc	0.950 g/cc	ISO 1183
Linear Mold Shrinkage	0.0060 - 0.0080 cm/cm	0.0060 - 0.0080 in/in	as molded; ISO 294
	0.0080 - 0.011 cm/cm	0.0080 - 0.011 in/in	after bake; ISO 294
Melt Flow	30 g/10 min	30 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	21.1 MPa	3060 psi	150x10x4 mm specimen, 50 mm/min; ISO 527-1/527-2
Flexural Modulus	1.15 GPa	167 ksi	80x10x4 mm specimen, 2 mm/min; ISO 178
Impact Test	23.7 J	17.5 ft-lb	multiaxial, 2.2 m/s; ASTM D3763

Thermal Properties	Metric	English	Comments
CTE, linear	53.0 $\mu\text{m}/\text{m}\cdot\text{°C}$	29.4 $\mu\text{in}/\text{in}\cdot\text{°F}$	ASTM E228
	@Temperature -30.0 - 80.0 °C	@Temperature -22.0 - 176 °F	

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