

Solvay Engineered Polymers DEXFLEX® 826HS TPO (discontinued **)

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

Material Notes:

Description: DEXFLEX® 826HS is a thermoplastic olefinic elastomer (TPO) designed for automotive exterior applications that require a combination of stiffness, low-temperature impact resistance, and excellent paintability. Applications: Bumper fascias, end caps, air dams, wheel flares, 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-826HS-TPO-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.890 g/cc	0.890 g/cc	ISO 1183
Linear Mold Shrinkage	0.012 - 0.015 cm/cm	0.012 - 0.015 in/in	as molded; ISO 294
	0.015 - 0.018 cm/cm	0.015 - 0.018 in/in	after bake; ISO 294
Melt Flow	12 g/10 min	12 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	17.0 MPa	2470 psi	150x10x4 mm specimen, 50 mm/min; ISO 527-1/527-2
Flexural Modulus	0.710 GPa	103 ksi	80x10x4 mm specimen, 2 mm/min; ISO 178
Impact Test	18.0 J	13.3 ft-lb	multiaxial, 2.2 m/s; ASTM D3763

Thermal Properties	Metric	English	Comments
CTE, linear	95.0 µm/m-°C	52.8 µin/in-°F	ASTM E228
	@Temperature -30.0 - 80.0 °C	@Temperature -22.0 - 176 °F	

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