

Solvay Engineered Polymers DEXFLEX® 810HSF TPO (discontinued **)

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

Material Notes:

Description: DEXFLEX® 810HSF is a thermoplastic olefinic elastomer (TPO) designed for large molded-in-color automotive exterior applications that require high flow characteristics for excellent processability, combined with ductile impact properties at low temperatures. Applications: Bumper fascias Information provided by Solvay Engineered 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-810HSF-TPO-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.910 g/cc	0.910 g/cc	ISO 1183
Linear Mold Shrinkage	0.014 - 0.017 cm/cm	0.014 - 0.017 in/in	as molded; ISO 294
	0.019 - 0.022 cm/cm	0.019 - 0.022 in/in	after bake; ISO 294
Melt Flow	23 g/10 min	23 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	16.0 MPa	2320 psi	150x10x4 mm specimen, 50 mm/min; ISO 527-1/527-2
Flexural Modulus	0.920 GPa	133 ksi	80x10x4 mm specimen, 2 mm/min; ISO 178
Impact Test	22.0 J	16.2 ft-lb	multiaxial, 2.2 m/s; ASTM D3763

Thermal Properties	Metric	English	Comments
CTE, linear	100 $\mu\text{m}/\text{m}\cdot^{\circ}\text{C}$	55.6 $\mu\text{in}/\text{in}\cdot^{\circ}\text{F}$	ASTM E228
	@Temperature -30.0 - 80.0 $^{\circ}\text{C}$	@Temperature -22.0 - 176 $^{\circ}\text{F}$	

Contact Songhan Plastic Technology Co.,Ltd.Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China