

Solvay Engineered Polymers SEQUEL® 1405 TPO (discontinued **)

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

Material Notes:

Description: SEQUEL® 1405 engineered polyolefin material is designed for automotive exterior applications that require a combination of stiffness, low-temperature impact resistance, high flow 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-SEQUEL-1405-TPO-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.950 g/cc	0.950 g/cc	ISO 1183
Linear Mold Shrinkage	0.011 - 0.013 cm/cm	0.011 - 0.013 in/in	after bake, 120°C for 1 hr.; ISO 294
Melt Flow	42 g/10 min	42 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	1.50 GPa	218 ksi	80x10x4 mm specimen, 2 mm/min; ISO 178
Impact Test	40.6 J	29.9 ft-lb	multiaxial, 2.2 m/s; ASTM D3763

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