

Solvay Engineered Polymers SEQUEL® 1490 Engineered Polyolefin (discontinued **)

Category : Polymer , Thermoplastic , Polyolefin

Material Notes:

Description: SEQUEL® 1490 engineered polyolefin material is 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-SEQUEL-1490-Engineered-Polyolefin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.950 g/cc	0.950 g/cc	ISO 1183
Linear Mold Shrinkage	0.0070 - 0.0090 cm/cm	0.0070 - 0.0090 in/in	after bake, 80°C for 1 hr.; ISO 294
Melt Flow	34 g/10 min	34 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	16.5 MPa	2390 psi	150x10x4 mm specimen, 50 mm/min; ISO 527-1/527-2
Flexural Modulus	1.59 GPa	231 ksi	80x10x4 mm specimen, 2 mm/min; ISO 178
Impact Test	>= 29.4 J	>= 21.7 ft-lb	multiaxial, 2.2 m/s; ASTM D3763

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