

Solvay Engineered Polymers SEQUEL® 1514 Engineered Polyolefin (discontinued **)

Category : Polymer , Thermoplastic , Polyolefin

Material Notes:

Description: SEQUEL® 1514 engineered polyolefin material is designed to provide significantly greater mar resistance than conventional TPOs. SEQUEL® 1514 polyolefin is designed for automotive applications that demand low warpage, low CLTE, and excellent scratch and mar resistance. Applications: Integrally colored, unpainted box-top moldings, tailgate liners, and pickup bed trim 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-1514-Engineered-Polyolefin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.990 g/cc	0.990 g/cc	ISO 1183
Linear Mold Shrinkage	0.0070 - 0.010 cm/cm	0.0070 - 0.010 in/in	as molded; ISO 294
Melt Flow	8.2 g/10 min	8.2 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	1.00 GPa	145 ksi	80x10x4 mm specimen, 2 mm/min; ISO 178

Thermal Properties	Metric	English	Comments
CTE, linear	70.0 $\mu\text{m}/\text{m}\cdot^\circ\text{C}$	38.9 $\mu\text{in}/\text{in}\cdot^\circ\text{F}$	ASTM E228
	@Temperature -30.0 - 80.0 $^\circ\text{C}$	@Temperature -22.0 - 176 $^\circ\text{F}$	

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