

LyondellBasell SEQUELÂ® 1480 Engineered Polyolefin

Category : Polymer , Thermoplastic , Polyolefin

Material Notes:

Description: SEQUELÂ® 1480 engineered polyolefin material is designed for large automotive exterior applications that require ductile impact properties at low temperatures, excellent paintability, and processability. SEQUELÂ® 1480 offers improved scratch and mar resistance compared to typical TPO products. Applications: Bumper fascias, body side molding, sills Information provided by Solvay Engineered Polymers. LyondellBasell acquired Solvay Engineered Polymers in 2008.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LyondellBasell-SEQUEL-1480-Engineered-Polyolefin.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.970 g/cc	0.970 g/cc	ISO 1183
Linear Mold Shrinkage	0.0080 - 0.011 cm/cm	0.0080 - 0.011 in/in	as molded; ISO 294
	0.011 - 0.013 cm/cm	0.011 - 0.013 in/in	after bake; ISO 294
Melt Flow	29 g/10 min	29 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	18.6 MPa	2700 psi	150x10x4 mm specimen, 50 mm/min; ISO 527-1/527-2
Flexural Modulus	1.336 GPa	193.8 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	75.0 Âµm/m-Â°C	41.7 Âµin/in-Â°F	ASTM E228
	@Temperature -30.0 - 80.0 Â°C	@Temperature -22.0 - 176 Â°F	

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