

Solvay Engineered Polymers SEQUEL® 1718HFLS Engineered Polyolefin (discontinued **)

Category : Polymer , Thermoplastic , Polyolefin

Material Notes:

Description: SEQUEL® 1718HFLS engineered polyolefin is designed for partially painted or molded-in color automotive exterior applications that require very low shrinkage and dimensional stability over a broad temperature range. This material exhibits excellent processability and low temperature properties. Applications: Claddings, body side moldings, rockers, and rub strips 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-1718HFLS-Engineered-Polyolefin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.08 g/cc	1.08 g/cc	ISO 1183
Linear Mold Shrinkage	0.0040 - 0.0070 cm/cm	0.0040 - 0.0070 in/in	as molded; ISO 294
	0.0060 - 0.0090 cm/cm	0.0060 - 0.0090 in/in	after bake; ISO 294
Melt Flow	15 g/10 min	15 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	19.0 MPa	2760 psi	150x10x4 mm specimen, 50 mm/min; ISO 527-1/527-2
Flexural Modulus	1.45 GPa	210 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	50.0 $\mu\text{m}/\text{m}\cdot^\circ\text{C}$	27.8 $\mu\text{in}/\text{in}\cdot^\circ\text{F}$	ASTM E228
	@Temperature -30.0 - 80.0 $^\circ\text{C}$	@Temperature -22.0 - 176 $^\circ\text{F}$	

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