

## Solvay Engineered Polymers SEQUEL® 1733HI Engineered Polyolefin (discontinued \*\*)

Category : Polymer , Thermoplastic , Polyolefin

**Material Notes:**

Description: SEQUEL® 1733HI engineered polyolefin is designed for large, painted automotive exterior applications that require dimensional stability over a broad temperature range. This material exhibits excellent processability. Applications: Exterior halos and sail panels 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-1733HI-Engineered-Polyolefin-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Solvay-Engineered-Polymers-SEQUEL-1733HI-Engineered-Polyolefin-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.07 g/cc	1.07 g/cc	ASTM D792
Linear Mold Shrinkage	0.0050 - 0.0080 cm/cm	0.0050 - 0.0080 in/in	as molded; ISO 294
	0.0070 - 0.010 cm/cm	0.0070 - 0.010 in/in	after bake; ISO 294
Melt Flow	14 g/10 min	14 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	21.0 MPa	3050 psi	150x10x4 mm specimen, 50 mm/min; ISO 527-1/527-2
Flexural Modulus	1.70 GPa	247 ksi	80x10x4 mm specimen, 2 mm/min; ISO 178
Impact Test	19.0 J	14.0 ft-lb	multiaxial, 2.2 m/s; ASTM D3763

Thermal Properties	Metric	English	Comments
CTE, linear	55.0 $\mu\text{m}/\text{m}\cdot^\circ\text{C}$	30.6 $\mu\text{in}/\text{in}\cdot^\circ\text{F}$	ASTM E228
	@Temperature -30.0 - 80.0 $^\circ\text{C}$	@Temperature -22.0 - 176 $^\circ\text{F}$	

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