

Solvay Engineered Polymers SEQUEL® 2330 Engineered Polyolefin (discontinued **)

Category : Polymer , Thermoplastic , Polyolefin

Material Notes:

Description: SEQUEL® 2330 engineered polyolefin is designed for large mold-in-color automotive interior applications that require stiffness and good dimensional stability. This material exhibits excellent processability and appearance. Applications: Interior instrument panels and interior 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-2330-Engineered-Polyolefin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.06 g/cc	1.06 g/cc	ISO 1183
Filler Content	22 %	22 %	ISO 3451
Linear Mold Shrinkage	0.0094 cm/cm	0.0094 in/in	AMMS; ISO 2577
Melt Flow	30 g/10 min	30 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	64	64	ISO 686
Tensile Strength, Yield	23.0 MPa	3340 psi	ISO R527
Flexural Modulus	2.10 GPa	305 ksi	ISO 178
Izod Impact, Notched (ISO)	8.00 kJ/m ²	3.81 ft-lb/in ²	ISO 180
	3.50 kJ/m ² @Temperature -40.0 °C	1.67 ft-lb/in ² @Temperature -40.0 °F	ISO 180
Impact Test	22.0 J	16.2 ft-lb	multiaxial, 15 mph; ASTM D3763
	25.0 J @Temperature 0.000 °C	18.4 ft-lb @Temperature 32.0 °F	multiaxial, 15 mph; ASTM D3763

Thermal Properties	Metric	English	Comments
CTE, linear	60.0 µm/m-°C	33.3 µin/in-°F	ASTM E228
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Deflection Temperature at 0.46 MPa (66 psi)	110 °C	230 °F	ISO 75

Deflection Temperature at 1.8 MPa Thermal Properties (104 psi)	58.0 °C Metric	136 °F English	ISO 75 Comments
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Descriptive Properties	Value	Comments
Five-Finger Scratch Resistance	3-7 N	FLTM BN 108-13

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