

Solvay Engineered Polymers SEQUEL® 2325 Engineered Polyolefin (discontinued **)

Category : Polymer , Thermoplastic , Polyolefin

Material Notes:

Description: SEQUEL® 2325 engineered polyolefin is designed for mold-in-color automotive interior applications. This material exhibits excellent low-gloss surface appearance and processability. Applications: Interior trim that must exhibit excellent impact performance, either for FMVSS201V applications areas or application areas interfacing with roof-rail air-bags 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-2325-Engineered-Polyolefin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.950 g/cc	0.950 g/cc	ISO 1183
Filler Content	9 %	9 %	ISO 3451
Linear Mold Shrinkage	0.0080 cm/cm	0.0080 in/in	AMMS; ISO 2577
Melt Flow	20 g/10 min	20 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	60	60	ISO 686
Tensile Strength, Yield	20.0 MPa	2900 psi	ISO R527
Flexural Modulus	1.40 GPa	203 ksi	ISO 178
Izod Impact, Notched (ISO)	44.0 kJ/m²	20.9 ft-lb/in²	ISO 180
	6.00 kJ/m² @Temperature -40.0 °C	2.86 ft-lb/in² @Temperature -40.0 °F	ISO 180
Impact Test	22.0 J	16.2 ft-lb	multiaxial, 15 mph; ASTM D3763
	27.0 J @Temperature 0.000 °C	19.9 ft-lb @Temperature 32.0 °F	multiaxial, 15 mph; ASTM D3763

Thermal Properties	Metric	English	Comments
CTE, linear	45.0 µm/m-°C @Temperature 20.0 °C	25.0 µin/in-°F @Temperature 68.0 °F	ASTM E228
Deflection Temperature at 0.46 MPa (66 psi)	85.0 °C	185 °F	ISO 75

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	55.0 °C	131 °F	ISO 75

Descriptive Properties	Value	Comments
Five-Finger Scratch Resistance	3-10 N	FLTM BN 108-13

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