

Solvay Engineered Polymers SEQUEL® 2322 Engineered Polyolefin (discontinued **)

Category : Polymer , Thermoplastic , Polyolefin

Material Notes:

SEQUEL® 2322 engineered polyolefin is designed for mold-in-color automotive interior applications that require medium stiffness and good dimensional stability. 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 air-bag deployment. 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-2322-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	0.0081 cm/cm	0.0081 in/in	AMMS; ISO 2577
Melt Flow	9.0 g/10 min	9.0 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	52	52	ISO 686
Tensile Strength, Yield	16.0 MPa	2320 psi	ISO R527
Flexural Modulus	1.00 GPa	145 ksi	ISO 178
Izod Impact, Notched (ISO)	53.0 kJ/m ²	25.2 ft-lb/in ²	ISO 180
	8.00 kJ/m ² @Temperature -40.0 °C	3.81 ft-lb/in ² @Temperature -40.0 °F	ISO 180

Thermal Properties	Metric	English	Comments
CTE, linear	80.0 µm/m-°C @Temperature 20.0 °C	44.4 µin/in-°F @Temperature 68.0 °F	ASTM E228
Deflection Temperature at 0.46 MPa (66 psi)	78.0 °C	172 °F	ISO 75
Deflection Temperature at 1.8 MPa (264 psi)	54.0 °C	129 °F	ISO 75

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