

## Solvay Engineered Polymers SEQUEL® 2382 Engineered Polyolefin (discontinued \*\*)

Category : Polymer , Thermoplastic , Polyolefin

### Material Notes:

Description: SEQUEL® 2382 engineered polyolefin is designed for large mold-in-color interior applications that require stiffness and dimensional stability. This material exhibits excellent processability and appearance with 15N scratch resistance. Applications: Interior instrument 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-2382-Engineered-Polyolefin-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Solvay-Engineered-Polymers-SEQUEL-2382-Engineered-Polyolefin-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.04 g/cc	1.04 g/cc	ISO 1183
Filler Content	20 %	20 %	ISO 3451
Linear Mold Shrinkage	0.0074 cm/cm	0.0074 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	64	64	ISO686
Tensile Strength, Yield	25.0 MPa	3630 psi	ISO R527
Flexural Modulus	2.40 GPa	348 ksi	ISO 178
Izod Impact, Notched (ISO)	24.0 kJ/m <sup>2</sup>	11.4 ft-lb/in <sup>2</sup>	ISO 180
	3.00 kJ/m <sup>2</sup> @Temperature -40.0 °C	1.43 ft-lb/in <sup>2</sup> @Temperature -40.0 °F	ISO 180
Impact Test	24.0 J	17.7 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	25.0 µin/in-°F	ASTM E228
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Deflection Temperature at 0.46 MPa (66 psi)	122 °C	252 °F	ISO 75

Deflection Temperature at 1.8 MPa Thermal Properties (104 psi)	60.0 °C Metric	140 °F English	ISO 75 Comments
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Descriptive Properties	Value	Comments
Five-Finger Scratch Resistance	15 N	FLTM BN 108-13

## Contact Songhan Plastic Technology Co.,Ltd.

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