

## Solvay Engineered Polymers SEQUEL® 1880 Engineered Polyolefin (discontinued \*\*)

Category : Polymer , Thermoplastic , Polyolefin

### Material Notes:

Description: SEQUEL® 1880 engineered polyolefin is designed for large automotive applications that require dimensional stability over a broad temperature range. This material exhibits excellent processability. Applications: Exterior cargo box covers 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-1880-Engineered-Polyolefin-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Solvay-Engineered-Polymers-SEQUEL-1880-Engineered-Polyolefin-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	ISO 1183
Linear Mold Shrinkage	0.0050 - 0.0080 cm/cm	0.0050 - 0.0080 in/in	as molded; ISO 294
	0.0060 - 0.0090 cm/cm	0.0060 - 0.0090 in/in	after bake; ISO 294
Melt Flow	11 g/10 min	11 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	18.0 MPa	2610 psi	150x10x4 mm specimen, 50 mm/min; ISO 527-1/527-2
Flexural Modulus	2.00 GPa	290 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	45.0 µm/m-°C	25.0 µin/in-°F	ASTM E228
	@Temperature -30.0 - 80.0 °C	@Temperature -22.0 - 176 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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