



**SEQUEL 1440**

**DESCRIPTION:**

SEQUEL<sup>®</sup> 1440 engineered polyolefin material is designed for large automotive exterior applications that require ductile impact properties at low temperatures, excellent paintability, and processability.

**APPLICATIONS:**

Bumper fascias, claddings

PROPERTY	TYPICAL VALUE	UNITS	TEST METHOD
<b>PHYSICAL</b>			
Density	0.96	g/cm <sup>3</sup>	ISO 1183
As Molded Mold Shrinkage	.008 - .010	mm/mm	ISO 294
After Bake Mold Shrinkage	.010 - .013	mm/mm	ISO 294
Melt Flow Rate	19.0	g/10 min	ISO 1133
<b>MECHANICAL</b>			
Flexural Modulus	1100	MPa	ISO 178 <i>80x10x4mm specimen, 2 mm/min</i>
Tensile Strength at Yield	21.0	MPa	ISO 527-1 and 527-2 <i>150x10x4 mm specimen, 50 mm/min</i>
Multiaxial Impact Strength @ 23°C	21	J	ASTM D3763 <i>2.2 m/s</i>
<b>THERMAL</b>			
CLTE	7.5 x 10 <sup>-5</sup>	mm/mm/°C	ASTM E228 <i>-30°C to 80°C</i>

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