



SEQUEL 1480

DESCRIPTION:

SEQUEL[®] 1480 engineered polyolefin material is designed for large automotive exterior applications that require ductile impact properties at low temperatures, excellent paintability, and processability. SEQUEL[®] 1480 offers improved scratch and mar resistance compared to typical TPO products.

APPLICATIONS:

Bumper fascias, body side molding, sills

PROPERTY	TYPICAL VALUE	UNITS	TEST METHOD
PHYSICAL			
Density	0.97	g/cm ³	ISO 1183
As Molded Mold Shrinkage	.008 - .011	Mm/mm	ISO 294
After Bake Mold Shrinkage	.011 - .013	Mm/mm	ISO 294
Melt Flow Rate	29.0	g/10 min	ISO 1133
MECHANICAL			
Flexural Modulus	1336	MPa	ISO 178 <i>80x10x4mm specimen, 2 mm/min</i>
Tensile Strength at Yield	18.6	MPa	ISO 527-1 and 527-2 <i>150x10x4 mm specimen, 50 mm/min</i>
Multiaxial Impact Strength @ 23°C	18	J	ASTM D3763 <i>2.2 m/s</i>
THERMAL			
CLTE	7.5 x 10 ⁻⁵	mm/mm/°C	ASTM E228 <i>-30°C to 80°C</i>

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