



SEQUEL 1780

DESCRIPTION:

SEQUEL® 1780 engineered polyolefin is designed for mold-in-color or partially painted automotive exterior applications that require dimensional stability over a broad temperature range with enhanced scratch and mar resistance. This material exhibits excellent processability and low-temperature properties.

APPLICATIONS:

Bumper side claddings, rockers, and other components that demand close dimensional tolerances

PROPERTY	TYPICAL VALUE	UNITS	TEST METHOD
PHYSICAL			
Specific Gravity	1.01	g/cm ³	ASTM D-792
As Molded Mold Shrinkage	.005 - .008	mm/mm	ISO 294
Melt Flow Rate	21.0	g/10 min	ASTM D-1238, <i>Cond. L</i>
MECHANICAL			
Flexural Modulus	1380	MPa	ASTM D-790 <i>I.B., TAN, 1.3 mm/min</i>
Tensile Strength at Yield	20	MPa	ASTM D-638, IV <i>50 mm/min</i>
THERMAL			
CLTE	6.0 x 10 ⁻⁵	mm/mm/°C	ASTM E228 <i>-30°C to 80°C</i>

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