



## Sequel 1440-UV 7C45

### Compounded Polyolefin

#### Product Description

**Sequel 1440-UV 7C45** engineered polyolefin material is designed for large automotive exterior applications that require ductile impact properties at low temperatures, excellent part appearance, and processability.

#### Product Characteristics

Test Method used	ISO
Processing Methods	Injection Molding
Features	Low Temperature Impact Resistance, Good Processability
Typical Customer Applications	Bumpers, Exterior Applications

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Density	ISO 1183	0.96	g/cm <sup>3</sup>
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	26	g/10 min
<b>Mechanical</b>			
Tensile Stress at Yield	ISO 527-1, -2	17	MPa
Note: 150x10x4 mm specimen			
Tensile Strain at Break	ISO 527-1, -2	>500	%
<b>Impact</b>			
Charpy notched impact strength	ISO 179		
(-25 °C)		9.4	kJ/m <sup>2</sup>
(23 °C)		26.9	kJ/m <sup>2</sup>
Notched izod impact strength	ISO 180		
(-25 °C)		10.0	kJ/m <sup>2</sup>
(23 °C)		24.9	kJ/m <sup>2</sup>
<b>Additional Information</b>			
Mold shrinkage	ISO 294-4		