



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