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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

Status	Commercial: Active
Test Method used	ISO
Availability	North America
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/cm³
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
Note: 150x10x4 mm specimen			
Tensile Strain at Break	ISO 527-1, -2	>500	%
Impact			
Charpy notched impact strength	ISO 179		
(-25 °C)		9.4	kJ/m²
(23 °C)		26.9	kJ/m²
Notched izod impact strength	ISO 180		
(-25 °C)		10.0	kJ/m²
(23 °C)		24.9	kJ/m²
Additional Information			
Mold shrinkage	ISO 294-4		
Note: Please contact LyondellBasell for shrinkage recommendations.			

Notes

Typical properties; not to be construed as specifications.