

# SEQUEL® 1440-UV 7C45

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

Message:

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.

Typical Customer Applications:

Exterior Applications, Bumpers

General Information			
Features	Good Processability		
	Low Temperature Impact Resistance		
Uses	Automotive Bumper		
	Automotive Exterior Parts		
Physical	Nominal Value	Unit	Test Method
Density	0.960	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	26	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress <sup>1</sup> (Yield)	17.0	MPa	ISO 527-2
Tensile Strain (Break)	> 500	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-25°C	9.4	kJ/m <sup>2</sup>	
23°C	27	kJ/m <sup>2</sup>	
Notched Izod Impact Strength			ISO 180
-25°C	10	kJ/m <sup>2</sup>	
23°C	25	kJ/m <sup>2</sup>	
NOTE			
1.	150x10x4mm specimen		

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