

SEQUEL® 1440-UV 7C45

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

PROSPECTOR®

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Technical Data

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.

Typical Customer Applications:
Exterior Applications, Bumpers

General

Material Status	• Commercial: Active
Literature ¹	• Technical Datasheet (English)
Search for UL Yellow Card	• LyondellBasell Industries • SEQUEL®
Availability	• North America
Features	• Good Processability • Low Temperature Impact Resistance
Uses	• Automotive Bumper • Automotive Exterior Parts

Physical	Nominal Value Unit	Test Method
Density	0.960 g/cm ³	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 ³ (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 ²	
23°C	27 kJ/m ²	
Notched Izod Impact Strength		ISO 180
-25°C	10 kJ/m ²	
23°C	25 kJ/m ²	

Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² Typical properties: these are not to be construed as specifications.

³ 150x10x4mm specimen



Where to Buy

Supplier

LyondellBasell Industries

Wilmington, DE USA

Telephone: 713-309-7200

Web: <http://polymers.lyondellbasell.com/portal/site/basell/>

Distributor

Nexeo Solutions

Telephone: 800-531-7106

Web: <http://www.nexeosolutions.com/>

Availability: North America

Plastic Service Centers

Telephone: 586-307-3900

Web: <http://www.plasticservice.com/>

Availability: North America

