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Sequel 1440-UV R1K3

Description

Sequel 1440-UV R1K3 engineered polyolefin material is typically used for large automotive exterior applications that require ductile impact properties at low temperatures, excellent part appearance, and processability.

Availability

North America

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Legend

SDS - Safety Data Sheet

PSB - Product Stewardship Bulletin

[Information](#)[SDS](#)[Safety Summary](#)

Product Data and Technical Information

Typical Properties

Melt Flow Rate (230°C/2.16 kg)	26 g/10 min
Density (23°C)	0.96 g/cm ³
Tensile Stress at Yield	17 MPa
Tensile Strain at Break	>500 %
Notched Charpy Impact Strength (23°C)	26.9 kJ/m ²
Notched Charpy Impact Strength (-20°C)	9.4 kJ/m ²
Notched Izod Impact Strength (23°C)	24.9 kJ/m ²
Notched Izod Impact Strength (-20°C)	10.0 kJ/m ²

Mold Shrinkage

Process

Injection Molding

Resin

Polypropylene Compounds

Applications

Automotive Parts, Bumpers, Exterior Automotive Applications

Prohibited Applications of Compounded Polyolefins:

The use of LyondellBasell Compounded Polyolefins in the following applications is prohibited:

- All parts for Aeronautical use
- All parts for Train transportation use
- Air bag unit housings
- Seat belt systems and mechanisms
- Brake systems and mechanisms
- Pedals (brake, gas, clutch)
- Steering systems and mechanisms
- All parts with flammability requirements for Building and Constructions
- All parts with flammability requirements for Industrial applications use
- All parts for Medical applications use

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