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Sequel 1825-UV NAT

Description

Sequel 1825-UV NAT thermoplastic polyolefin is typically used for automotive and heavy-truck applications that require energy management combined with ductility, stiffness and impact resistance over a broad temperature range. This material exhibits excellent processability and dimensional stability.

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)	15 g/10 min
Density (23°C)	1.16 g/cm³
Flexural Modulus (23°C, 2mm/min)	2500 MPa
Tensile Stress at Yield (23°C, 50 mm/min)	20 MPa
Multi-axial Impact Strength (23°C, 2.2 m/s, 3.2 mm plaque)	16.5 J
Multi-axial Impact Strength (-30°C, 2.2 m/s, 3.2 mm plaque)	30 J

Mold Shrinkage

Process

Injection Molding

Resin

Polypropylene Compounds

Applications

Automotive Parts, 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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