

Technical Data Sheet

Sequel 1835-AX BLK

Polypropylene Compounds



Product Description

Sequel 1835-AX BLK thermoplastic polyolefin material is typically used for large automotive exterior applications requiring a high flexural modulus, good impact properties, very low CLTE, and excellent paintability. This material has a high melt-flow rate for enhanced injection molding processability.

Regulatory Status

For regulatory compliance information, see *Sequel* 1835-AX BLK [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Application	Automotive Parts; Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	19	g/10 min	ISO 1133-1
Density, (23 °C)	1.16	g/cm ³	ISO 1183
Mechanical			
Flexural Modulus, (23 °C, 2 mm/min)	3000	MPa	ISO 178
Tensile Stress at Yield, (23 °C, 50 mm/min)	24.9	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C, 50 mm/min)	13	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	9.3	kJ/m ²	ISO 179
Additional Information			
Mold Shrinkage			ISO 294-4

Please contact LyondellBasell for shrinkage recommendations.

Notes

These are typical property values not to be construed as specification limits.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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- (ii) film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned medical devices;
- (iii) packaging in direct contact with a pharmaceutical active ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration;
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- (ii) applications involving permanent implantation into the body;
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