

SEQUEL® 1835-AX BLK

Polypropylene

LyondellBasell Industries

Message:

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

General Information			
Features	Low CLTE		
	Impact resistance, good		
	Sprayable		
	High liquidity		
Uses	Application in Automobile Field		
	Automotive exterior parts		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.16	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	19	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	24.9	MPa	ISO 527-2/50
Tensile Strain (Break, 23°C)	13	%	ISO 527-2/50
Flexural Modulus ¹ (23°C)	3000	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	9.3	kJ/m ²	ISO 179
NOTE			
1.	2.0 mm/min		

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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