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.

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/cm³	ISO 1183-1
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/m²	ISO 179
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			