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Technical Data Sheet

Sequel 1823 FP BLK



Polypropylene Compounds

Product Description

Sequel 1823 FP BLK thermoplastic polyolefin is typically used for full painted automotive and heavy truck applications that require energy management combined with excellent ductility and stiffness over a broad temperature range. This material exhibits excellent processability and dimensional stability.

Application	Automotive Parts; Bumpers; Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Ductile; Good Dimensional Stability; Good Processability; High Stiffness

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)	1.07	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C, 2 mm/min)	1700	MPa	ISO 178
Tensile Stress at Yield, (23 °C, 50 mm/min)	18	MPa	ISO 527-1, -2
Impact			
Multi-axial Impact Strength, (23° C, 2.2 m/s, 3.2 mm plaque)	20.5	J	ASTM D3763
Additional Information			
Mold Shrinkage			ISO 294-4

Please contact LyondellBasell for shrinkage recommendations.