Technical Data Sheet

Sequel 1825 FP BLK

Polypropylene Compounds

Product Description

Sequel 1825 FP BLK 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.

Application	Automotive Parts; Bumpers; Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Ductile; Good Dimensional Stability; Good Processability; Good Stiffness; Low Temperature Impact Resistance

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	15	g/10 min	ISO 1133-1
Density, (23 °C)	1.16	g/cm³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C, 2 mm/min)	2500	MPa	ISO 178
Tensile Stress at Yield, (23 °C, 50 mm/min)	20	MPa	ISO 527-1, -2
Impact			
Multi-axial Impact Strength			
(23° C, 2.2 m/s, 3.2 mm plaque)	18.6	J	ASTM D3763
(-15 °C, 2.2 m/s, 3.2 mm plaque)	23.1	J	ASTM D3763
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			