



Sequel 1823 FP

Compounded Polyolefin

Product Description

Sequel 1823 FP thermoplastic polyolefin is designed 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.

Product Characteristics

Status	Commercial: Restricted
Test Method used	ISO
Availability	North America
Processing Methods	Injection Molding
Features	Good Dimensional Stability, Ductile, Good Processability, High Stiffness
Typical Customer Applications	Bumpers, Exterior Applications

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	1.07	g/cm ³
Melt flow rate (MFR) (230 °C/ 2.16 kg)	ISO 1133	19	g/10 min
Mechanical			
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	18.0	MPa
Flexural modulus (2 mm/min)	ISO 178	1700	MPa
Impact			
Multiaxial Impact Strength (23 °C, 2.2 m/s)	ASTM D3763	20.5	J
Additional Information			
Mold shrinkage	ISO 294-4		
<i>Note: Please contact LyondellBasell for shrinkage recommendations.</i>			

Notes

Typical properties; not to be construed as specifications.