



Sequel 1835

Compounded Polyolefin

Product Description

Sequel 1835 thermoplastic polyolefin material is designed for large automotive exterior applications requiring a high flexural modulus, good impact properties, excellent paintability and processability. This material has a high melt-flow rate combined with high flexural modulus.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	North America
Processing Method	Injection Moulding
Features	High Flow , Good Impact Resistance , Paintable, Good Processability, High Stiffness
Typical Customer Applications	Exterior Applications

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	1.16 g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	21 g/10 min
Mechanical		
Tensile Stress at Yield (50 mm/min) <i>Note: 150x10x4 mm specimen</i>	ISO 527-1, -2	22.0 MPa
Flexural modulus (2 mm/min) <i>Note: 80x10x4mm specimen</i>	ISO 178	2800 MPa
Impact		
Multiaxial Impact Strength (23 °C, 2.2 m/s)	ASTM D3763	17 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.

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Unless specifically indicated, the grades mentioned are not suitable for applications in the pharmaceutical/medical sector.

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