Sequel 1828

Compounded Polyolefin

Product Description

Sequel 1828 thermoplastic polyolefin is designed for 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: Active
Test Method used	ISO
Availability	North America
Processing Method	Injection Moulding
Features	Good Dimensional Stability, Ductile, Good Processability, High Stiffness
Typical Customer Applications	Exterior Applications, Bumpers

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	1.16	g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	12	g/10 min
Mechanical			
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	20.0	MPa
Note: 150x10x4 mm specimen			
Flexural modulus (2 mm/min)	ISO 178	2850	MPa
Note: 80x10x4mm specimen			
Impact			
Multiaxial Impact Strength (23 °C, 2.2 m/s)	ASTM D3763	16	J
Additional Information			
Mold shrinkage	ISO 294-4		
Note: Please contact LyondellBasell for shrinkage recommendations.			

Notes

Typical properties; not to be construed as specifications.