Sequel 1780

Compounded Polyolefin

Product Description

Sequel 1780 engineered polyolefin is designed for mold-in-color or partially painted automotive exterior applications that require dimensional stability over a broad temperature range with enhanced scratch and mar resistance. This material exhibits excellent processability and low-temperature properties.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	North America
Processing Methods	Injection Molding
Features	Good Colorability, Good Dimensional Stability, Low Temperature Impact Resistance, Paintable, Good Processability, Scratch Resistant
Typical Customer Applications	Exterior Applications

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	1.02	g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	20	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	1500	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.