Sequel 2326

Compounded Polyolefin

Product Description

Sequel 2326 thermoplastic polyolefin material is designed for molded-in-color automotive interior applications that require energy-management properties. This product is typically supplied in natural or an OEM matched interior color with UV protection.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	North America
Processing Methods	Injection Molding
Features	Good Colorability, Ductile, Low Temperature Impact Resistance, Good UV Resistance
Typical Customer Applications	Interior Applications

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	0.96	g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	15	g/10 min
Mechanical			
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	16	MPa
Note: 150x10x4 mm specimen			
Flexural modulus (2 mm/min)	ISO 178	1100	MPa
Note: 80x10x4mm specimen			
Impact			
Notched izod impact strength	ISO 180		
(-40 °C)		6	kJ/m²
(23 °C)		No Break	
Multiaxial Impact Strength	ASTM D3763		
(-30 °C, 6.7 m/s)		24	J
(23 °C, 6.7 m/s)		18	J
Note: Failure Mode at -30°C and 23°C: Ductile			
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	75	°C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	54	°C
Additional Information			
Mold shrinkage	ISO 294-4		
Note: Please contact LyondellBasell for shrinkage recommendations.			

Notes

Typical properties; not to be construed as specifications.