

Sequel E3400

Compounded Polyolefin

Product Description

Sequel E3400 fractional melt flow, high flexural modulus thermoplastic polyolefin (TPO) is designed for thermoformed exterior or interior applications that require low-temperature toughness and dimensional stability. This extrusion-grade material exhibits enhanced melt strength for a wide thermoforming processing window.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Processing Methods	Extrusion Thermoforming
Features	Good Dimensional Stability, Good Melt Strength, Low Temperature Toughness
Typical Customer Applications	Bumpers, Exterior Applications, Industrial, Panels & Profiles

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	1.12	g/cm ³
Melt flow rate (MFR) (230 °C/ 2.16 kg)	ISO 1133	0.60	g/10 min
Mechanical			
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	21.0	MPa
<i>Note: 150x10x4 mm specimen</i>			
Flexural modulus (2 mm/min)	ISO 178	2100	MPa
<i>Note: 80x10x4 mm specimen</i>			
Thermal			
CLTE	ASTM E228	5.0 x 10 ⁻⁵	mm/mm/°C
<i>Note: Average of Flow and Transverse (-30 to 80 °C)</i>			
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.

