

Sequel E3000

Compounded Polyolefin

Product Description

Sequel E3000 thermoplastic polyolefin (TPO) is designed for thermoformed exterior or interior applications that require low-temperature toughness and dimensional stability. This extrusion-grade material is readily processed into a variety of products and exhibits excellent chemical resistance. This material can be supplied with or without UV stabilizers.

Product Characteristics

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

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	1.07	g/cm ³
Melt flow rate (MFR) (230 °C/ 2.16 kg)	ISO 1133	0.8	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	2069	MPa
<i>Note: 80x10x4 mm specimen</i>			
Thermal			
CLTE	ASTM E228	4.8 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.

