



Sequel E5000

Compounded Polyolefin

Product Description

Sequel E5000 thermoplastic olefinic elastomer (TPO) is designed for extrusion applications that require high mechanical stiffness, thermal stability, good low temperature properties and good dimensional stability over a broad temperature range. This material can be supplied with or without UV stabilizers.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	North America
Processing Method	Extrusion Thermoforming
Features	Good Dimensional Stability, Good Thermal Stability, Low Temperature Toughness, High Stiffness
Typical Customer Applications	Panels & Profiles, Exterior Applications, Industrial

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	1.15 g/cm ³
Melt flow rate (MFR) (230 °C/ 2.16 kg)	ISO 1133	0.97 g/10 min
Mechanical		
Tensile Stress at Yield (50 mm/min) <i>Note: 150x10x4 mm specimen</i>	ISO 527-1, -2	26.0 MPa
Flexural modulus (2 mm/min) <i>Note: 80x10x4 mm specimen</i>	ISO 178	2620 MPa
Thermal		
CLTE <i>Note: Average of Flow and Transverse (-30 to 80 °C)</i>	ASTM E228	2.6 x 10 ⁻⁵ mm/mm/°C
Additional Information		
Mold shrinkage <i>Note: Please contact LyondellBasell for shrinkage recommendations.</i>	ISO 294-4	

Notes

Typical properties; not to be construed as specifications.

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LyondellBasell markets this product through the following entities:

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Basell Sales & Marketing Company B.V.
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Users should review the applicable Material Safety Data Sheet before handling the product.

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