



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
Availability	North America
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
Note: 150x10x4 mm specimen			
Flexural modulus (2 mm/min)	ISO 178	2069	MPa
Note: 80x10x4 mm specimen			
Thermal			
CLTE	ASTM E228	4.8 x 10 ⁻⁵	mm/mm/°C
Note: Average of Flow and Transverse (-30 to 80 °C)			
Additional Information			
Mold shrinkage	ISO 294-4		
Note: Please contact LyondellBasell for shrinkage recommendations.			

Notes

Typical properties; not to be construed as specifications.

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- Equistar Chemicals, LP
- Basell Sales & Marketing Company B.V.
- Basell Asia Pacific Limited
- Basell International Trading FZE
- LyondellBasell Australia Pty Ltd

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This product(s) may not be used in:

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- the manufacture of any of the following, without prior written approval by Seller for each specific product and application: (1) U.S. FDA Class II, Health Canada Class II or Class III, and/or European Union Class II Medical Devices; (2) film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned Medical Devices; (3) packaging in direct contact with a pharmaceutical active ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration; (4) tobacco related products and applications; (5) electronic cigarettes and similar devices; and (6) pressure pipe or fittings that are considered a part or component of a nuclear reactor.

(iii) Additionally, the product(s) may not be used in: (1) U.S. FDA Class III, Health Canada Class IV, and/or European Class III Medical Devices; (2) applications involving permanent implantation into the body; (3) life-sustaining medical applications; and (4) lead, asbestos or MTBE related applications.

All references to U.S. FDA, Health Canada, and European Union regulations include another country's equivalent regulatory classification.

Users should review the applicable Material Safety Data Sheet before handling the product.

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