



Sequel E3400FR

Compounded Polyolefin

Product Description

Sequel E3400FR is a fractional melt flow, high flexural modulus thermoplastic polyolefin (TPO) formulated to exhibit a UL 94 V-1 flammability rating. It is designed for thermoformed applications that require low-temperature toughness and dimensional stability.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	North America
Processing Methods	Extrusion Thermoforming
Features	Good Dimensional Stability, Flame Retardant, Good Melt Strength
Typical Customer Applications	Industrial, Panels & Profiles

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	1.26	g/cm³
Melt flow rate (MFR) (230°C/2.16 kg)	ISO 1133	0.87	g/10 min
Mechanical			
Tensile Stress at Yield (50 mm/min) Note: 150x10x4 mm specimen	ISO 527-1, -2	20.0	MPa
Flexural modulus (2 mm/min) Note: 80x10x4 mm specimen	ISO 178	2200	MPa
Impact			
Notched izod impact strength (-30°C)	ISO 180	4.0	kJ/m²
		38.0	kJ/m²
Thermal			
CLTE Note: Average of Flow and Transverse (−30 to 80°C)	ASTM E228	5.0 x 10 ^{−5}	mm/mm/°C
Flammable			
Flame rating - UL Note: All colors, 3.0 mm minimum	UL 94	V-1	
Additional Information			
Mold shrinkage Note: Please contact LvondellBasell for shrinkage recommendations.	ISO 294-4		

Notes

Typical properties; not to be construed as specifications.

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LyondellBasell markets this product through the following entities:

- 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:

- (i) any U.S. FDA Class I, Health Canada Class I, and/or European Union Class I Medical Devices, without prior notification to Seller for each specific product and application; or

(ii) 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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