

## 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

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

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Density	ISO 1183	1.26	g/cm <sup>3</sup>
Melt flow rate (MFR) (230°C/2.16 kg)	ISO 1133	0.87	g/10 min
<b>Mechanical</b>			
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	20.0	MPa
<i>Note: 150x10x4 mm specimen</i>			
Flexural modulus (2 mm/min)	ISO 178	2200	MPa
<i>Note: 80x10x4 mm specimen</i>			
<b>Impact</b>			
Notched izod impact strength	ISO 180		
(-30°C)		4.0	kJ/m <sup>2</sup>
(23°C)		38.0	kJ/m <sup>2</sup>
<b>Thermal</b>			
CLTE	ASTM E228	5.0 x 10 <sup>-5</sup>	mm/mm/°C
<i>Note: Average of Flow and Transverse (-30 to 80°C)</i>			
<b>Flammable</b>			
Flame rating - UL	UL 94	V-1	
<i>Note: All colors, 3.0 mm minimum</i>			
<b>Additional Information</b>			
Mold shrinkage	ISO 294-4		
<i>Note: Please contact LyondellBasell for shrinkage recommendations.</i>			

#### Notes

Typical properties; not to be construed as specifications.

