



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

Test Method used	ISO
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/cm ³
Melt flow rate (MFR) (230°C/2.16 kg)	ISO 1133	0.87	g/10 min
Mechanical			
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	20.0	MPa
Note: 150x10x4 mm specimen			
Flexural modulus (2 mm/min)	ISO 178	2200	MPa
Note: 80x10x4 mm specimen			
Impact			
Notched izod impact strength	ISO 180		
(-30°C)		4.0	kJ/m ²
(23°C)		38.0	kJ/m ²
Thermal			
CLTE	ASTM E228	5.0 x 10 ⁻⁵	mm/mm/°C
Note: Average of Flow and Transverse (-30 to 80°C)			
Flammable			
Flame rating - UL	UL 94	V-1	
Note: All colors, 3.0 mm minimum			
Additional Information			
Mold shrinkage	ISO 294-4		