Sequel E3400

Compounded Polyolefin

Product Description

Sequel E3400 fractional melt flow, high flexural modulus thermoplastic polyolefin (TPO) is designed for thermoformed exterior or interior applications that require low-temperature toughness and dimensional stability. This extrusion-grade material exhibits enhanced melt strength for a wide thermoforming processing window.

Product Characteristics

Test Method used	ISO
Processing Methods	Extrusion Thermoforming
Features	Good Dimensional Stability, Good Melt Strength , Low Temperature Toughness
Typical Customer Applications	Bumpers, Exterior Applications, Industrial, Panels & Profiles

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	1.12	g/cm³
Melt flow rate (MFR) (230 °C/ 2.16 kg)	ISO 1133	0.60	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	2100	MPa
Note: 80x10x4 mm specimen			
Thermal			
CLTE	ASTM E228	5.0×10^{-5}	mm/mm/°C
Note: Average of Flow and Transverse (−30 to 80 °C)			
Additional Information			
Mold shrinkage	ISO 294-4		