



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

Test Method used	ISO
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) <i>Note: 150x10x4 mm specimen</i>	ISO 527-1, -2	21.0	MPa
Flexural modulus (2 mm/min) <i>Note: 80x10x4 mm specimen</i>	ISO 178	2069	MPa
Thermal			
CLTE <i>Note: Average of Flow and Transverse (−30 to 80 °C)</i>	ASTM E228	4.8×10^{-5}	mm/mm/°C
Additional Information			
Mold shrinkage	ISO 294-4		