



## 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

<b>Test Method used</b>	ISO
<b>Processing Methods</b>	Extrusion Thermoforming
<b>Features</b>	Good Chemical Resistance, Good Dimensional Stability, Low Temperature Toughness
<b>Typical Customer Applications</b>	Bumpers, Exterior Applications, Industrial, Panels & Profiles

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Density	ISO 1183	1.07	g/cm <sup>3</sup>
Melt flow rate (MFR) (230 °C/ 2.16 kg)	ISO 1133	0.8	g/10 min
<b>Mechanical</b>			
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	21.0	MPa
<i>Note: 150x10x4 mm specimen</i>			
Flexural modulus (2 mm/min)	ISO 178	2069	MPa
<i>Note: 80x10x4 mm specimen</i>			
<b>Thermal</b>			
CLTE	ASTM E228	4.8 x 10 <sup>-5</sup>	mm/mm/°C
<i>Note: Average of Flow and Transverse (-30 to 80 °C)</i>			
<b>Additional Information</b>			
Mold shrinkage	ISO 294-4		