

Technical Data Sheet

Sequel/E3400 UV NAT



Polypropylene Compounds

Product Description

Sequel/E3400 UV NAT fractional melt flow, high flexural modulus thermoplastic polyolefin (TPO) is typically used 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.

Application	Industrial; Panels & Profiles
Market	Automotive
Processing Method	Thermoforming

Typical Properties	Nominal Value	English Units	Nominal Value	SI Units	Test Method
Physical					
Melt Flow Rate, (230 °C/2.16 kg)	0.60	g/10 min	0.60	g/10 min	ISO 1133-1
Density, (23 °C)	1.12	g/cm ³	1.12	g/cm ³	ISO 1183-1
Mechanical					
Flexural Modulus, (23 °C, 2 mm/min)			2100	MPa	ISO 178
Tensile Stress at Yield, (23 °C, 50 mm/min)			21	MPa	ISO 527-1, -2
Thermal					
Coefficient of Linear Thermal Expansion (CLTE)					
(-30 °C to 30 °C)	2.7 x 10 ⁻⁵	in/in/°C	4.9 x 10 ⁻⁵	cm/cm/°C	ASTM D696
(-30 °C to 85 °C)	3.2 x 10 ⁻⁵	in/in/°C	5.8 x 10 ⁻⁵	cm/cm/°C	ASTM D696
Additional Information					
Mold Shrinkage					ISO 294-4

Please contact LyondellBasell for shrinkage recommendations.