Technical Data Sheet

Sequel E3400-1 UV NAT

Polypropylene Compounds

Product Description

Sequel E3400-1 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; Industrial, Building & Construction
Processing Method	Extrusion Flat-die; Thermoforming

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	0.6	g/10 min	ASTM D1238
Density, (23 °C)	1.12	g/cm³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C, 2 mm/min)	2000	MPa	ISO 178
Tensile Stress at Yield, (23 °C, 50 mm/min)	21	MPa	ISO 527-1, -2
Impact			
Multi-axial Impact Strength, (-15 °C, 2.2 m/s, 3.2 mm plaque)	24	J	ASTM D3763
Energy @ Peak Force; Material exhibits ductile behavior			