



Edgetek™ ET7400-5005 WHITE VN 3926

High Impact Polystyrene

Key Characteristics

General		
Material Status	• Commercial: Active	
Regional Availability	• Europe	
Features	• Filled	
Uses	• Electrical/Electronic Applications	• General Purpose
Forms	• Pellets	

Technical Properties ¹

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density	1.13 g/cm ³	1.13 g/cm ³	ISO 1183
Mechanical	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Modulus (73°F (23°C))	479000 psi	3300 MPa	ISO 527-2/1
Tensile Stress (Yield, 73°F (23°C))	4060 psi	28.0 MPa	ISO 527-2
Tensile Strain (Break)	3.5 %	3.5 %	ISO 527-2
Flexural Modulus (73°F (23°C))	435000 psi	3000 MPa	ISO 178
Flexural Stress (73°F (23°C))	6380 psi	44.0 MPa	ISO 178
Thermal	Typical Value (English)	Typical Value (SI)	Test Method
Vicat Softening Temperature	221 °F	105 °C	ISO 306/A50
Additional Information			

The product needs to be pre-dried before processing.

Processing Information

Injection	Typical Value (English)	Typical Value (SI)
Drying Temperature - Desiccant Dryer	140 °F	60 °C
Drying Time - Desiccant Dryer	4.0 hr	4.0 hr
Processing (Melt) Temp	410 to 446 °F	210 to 230 °C

Notes

¹ Typical values are not to be construed as specifications.