

Technical Data Sheet

Schuladur A3 GF30 NATURAL



Polybutylene Terephthalate + ASA

Product Description

PBT/ASA 30% Glass Fiber, Low Warpage

Processing Method Injection Molding

Attribute Low Warpage

Filler/Reinforcement Glass Fiber, 30%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density, (Method A)	1.42	g/cm ³	ISO 1183
Mechanical			
Tensile Strain at Break, (Type 1A, 23 °C, 5 mm/min)	2.0	%	ISO 527-2
Tensile Stress at Break, (Type 1A, 23 °C, 5 mm/min)	115	MPa	ISO 527-2
Tensile Modulus, (23 °C, 1 mm/min, Type 1A)	9500	MPa	ISO 527-1
Impact			
Charpy Impact Strength - Notched, (23 °C, Type 1, Edgewise, Notch A)	9.0	kJ/m ²	ISO 179
Thermal			
Deflection Temperature Under Load Unannealed (1.80 MPa), (Flatwise)	180	°C	ISO 75-2/A