

Technical Data Sheet

Schuladur A1 GF30 RED964199

Polybutylene Terephthalate + PET

Product Description

PBT/PET 30% Glass Fiber

Processing Method Injection Molding

Filler/Reinforcement Glass Fiber, 30%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density, (Method A)	1.55	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)	148	MPa	ISO 527-2
Tensile Modulus, (23 °C, 1 mm/min, Type 1A)	10500	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)	205	°C	ISO 75-2/A