

Technical Data Sheet

SCHULADUR[®] A3 GF30

Polybutylene Terephthalate + ASA
Engineering Plastics

Product Description

PBT/ASA 30% Glass Fiber, Low Warpage

General

Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight
Features	• Low Warpage
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.42 g/cm ³	1.42 g/cm ³	ISO 1183/A
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus (73°F (23°C))	1.38E+6 psi	9500 MPa	ISO 527-2/1A/1
Tensile Stress (Break, 73°F (23°C))	16700 psi	115 MPa	ISO 527-2/1A/5
Tensile Strain (Break, 73°F (23°C))	2.0 %	2.0 %	ISO 527-2/1A/5
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Charpy Notched Impact Strength (73°F (23°C))	4.3 ft·lb/in ²	9.0 kJ/m ²	ISO 179/1eA
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Heat Deflection Temperature 264 psi (1.8 MPa), Unannealed	356 °F	180 °C	ISO 75-2/Af

Notes

These are typical property values not to be construed as specification limits.