

## Technical Data Sheet

### *Schuladur* A1 GF30 U BLK967878



Polybutylene Terephthalate + PET

#### Product Description

*Schuladur* A1 GF30 U is a PBT/PET with 30% Glass Fiber, offering UV resistance for typical automotive interior application. This material is colormatched in specific color.

This product is also available in other colors, new colors can be developed depending on customer requirements.

**Application** Automotive Interior Parts  
**Processing Method** Injection Molding

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Density, (Method A)	1.55	g/cm <sup>3</sup>	ISO 1183
<b>APS Tensile &amp; Modulus</b>			
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
<b>Impact</b>			
Charpy Impact Strength - Notched, (23 °C, Type 1, Edgewise, Notch A)	9.0	kJ/m <sup>2</sup>	ISO 179
<b>Thermal</b>			
Deflection Temperature Under Load Unannealed (1.80 MPa), (Flatwise)	205	°C	ISO 75-2/A