

Technical Data Sheet

Schuladur A1 GF30LW K2307 BLK968069

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 |