PBT

Ultradur® B 4040 G6

BASF

Position #110 • Jinsutong Reference Catalog 2026

Resin Overview

PBT · 30% Glass, General. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	BASF
Category	PBT · 30% Glass, General
Typical Use	30% glass for high stiffness structural

Key Properties

Density	1.53 g/cm³
MVR (250°C/2.16 kg)	15 cm³/10min
Tensile Strength at Break	130 MPa
Tensile Modulus	9000 MPa
HDT (1.8 MPa)	205 °C
Flexural Modulus	8500 MPa
Color	Natural
Continuous Use Temperature	150 °C

Key Features

- 30% glass for high stiffness
- High heat 150°C
- Good dimensional stability
- BASF quality

Processing Conditions

Melt Temperature	250-275 °C

Mold Temperature	60-100 °C
Drying	4 h @ 120 °C in desiccant dryer
Processing Methods	Injection molding

Typical Applications

- Automotive structural parts
- Industrial switches
- High-heat connectors
- Premium consumer goods

Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

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