PBT

Ultradur® B4520 Black

BASF

Position #571 • Jinsutong Reference Catalog 2026

Resin Overview

PBT · Easy-Flow, Black. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	BASF
Category	PBT · Easy-Flow, Black
Typical Use	Tough, easy-flow black PBT for automotive sensors, lamp bezels and precision industrial parts.

Key Properties

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Key Features

- Easy-flow grade suitable for thin-wall and long-flow parts
- High impact toughness and elongation at break
- Deep-black color with excellent surface aesthetics
- Resistant to automotive coolants, oils and lubricants

Processing Conditions

Melt Temperature	250-270 °C

Mold Temperature	60-100 °C
Drying	120 °C / 4 h
Processing Methods	Injection molding

Typical Applications

- Automotive sensor housings
- Headlamp bezels and connectors
- Industrial control enclosures
- Pump and valve bodies

Regulatory & Compliance

- ISO 1043-1 PBT resin identification code
- RoHS 2011/65/EU compliant
- REACH SVHC declared < 0.1 % w/w

> ⚠ All data sourced from public manufacturer catalogs.

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