PP

STAMAX™ 15T40

SABIC

Position #105 · Jinsutong Reference Catalog 2026

Resin Overview

PP · 15% Glass Fiber, Black. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	SABIC
Category	PP · 15% Glass Fiber, Black
Typical Use	Automotive structural, metal replacement

Key Properties

MFR (230°C/2.16 kg)	7 g/10min
Density	1.04 g/cm³
Tensile Strength at Break	60 MPa
Tensile Modulus	3500 MPa
Elongation at Break	4%
HDT (1.8 MPa)	145 °C
Flexural Modulus	3200 MPa
Color	Black

Key Features

- 15% glass for moderate stiffness
- Black pre-compounded
- Higher HDT (145°C)
- SABIC quality

Processing Conditions

Melt Temperature	220-260 °C
Mold Temperature	40-80 °C
Drying	2 h @ 80 °C
Processing Methods	Injection molding

Typical Applications

- Automotive interior trim
- Instrument panel carriers
- Premium consumer goods
- Metal replacement

Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

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