PPS

Torelina® A673M Black

Toray Industries

Position #112 • Jinsutong Reference Catalog 2026

Resin Overview

PPS · 30% Glass, Black, SMT. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	Toray Industries
Category	PPS · 30% Glass, Black, SMT
Typical Use	30% glass black PPS for SMT

Key Properties

Density	1.55 g/cm³
Tensile Strength at Break	160 MPa
Tensile Modulus	11000 MPa
Elongation at Break	2.0%
HDT (1.8 MPa)	265 °C
Color	Black
Continuous Use Temperature	200 °C
UL 94 Rating	V-0 @ 0.75mm

Key Features

- 30% glass black PPS for SMT
- UL 94 V-0 flame retardant
- High heat 200°C continuous
- Toray quality

Processing Conditions

Melt Temperature	310-330 °C

Mold Temperature	130-160 °C
Drying	4 h @ 150 °C in desiccant dryer
Processing Methods	Injection molding

Typical Applications

- Black SMT components
- High-temp automotive
- EV power electronics
- Sensor bodies

Regulatory & Compliance

- UL 94 V-0 listed
- RoHS compliant

> ⚠ All data sourced from public manufacturer catalogs.

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