PBT

Crastin® SK601

DuPont (now Celanese)

Position #119 · Jinsutong Reference Catalog 2026

Resin Overview

PBT · FR, 10% Glass, General. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	DuPont (now Celanese)
Category	PBT · FR, 10% Glass, General
Typical Use	FR electrical components, IT equipment

Key Properties

Density	1.45 g/cm³
MVR (250°C/2.16 kg)	20 cm³/10min
Tensile Strength at Break	80 MPa
Tensile Modulus	5500 MPa
Elongation at Break	3%
Flexural Modulus	5000 MPa
HDT (1.8 MPa)	190 °C
UL 94 Rating	V-0 @ 0.75mm

Key Features

- Flame retardant PBT (V-0)
- 10% glass fiber for moderate stiffness
- High heat resistance for SMT
- Good electrical insulation

Processing Conditions

Melt Temperature	250-270 °C
Mold Temperature	60-100 °C
Drying	4 h @ 120 °C in desiccant dryer
Processing Methods	Injection molding

Typical Applications

- FR IT equipment housings
- Electrical connector bodies
- Industrial control housings
- Switch components

Regulatory & Compliance

- UL 94 V-0 listed
- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

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