PBT

Crastin® SK605FR

DuPont (now Celanese)

Position #109 • Jinsutong Reference Catalog 2026

Resin Overview

PBT · 15% Glass, FR V-0, General. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	DuPont (now Celanese)
Category	PBT · 15% Glass, FR V-0, General
Typical Use	FR V-0 for electrical and IT equipment

Key Properties

Density	1.45 g/cm³
MVR (250°C/2.16 kg)	20 cm³/10min
Tensile Strength at Break	90 MPa
Tensile Modulus	5500 MPa
HDT (1.8 MPa)	200 °C
Color	Natural
UL 94 Rating	V-0 @ 0.75mm
Continuous Use Temperature	140 °C

Key Features

- 15% glass fiber for FR application
- Natural color for pigmentation
- UL 94 V-0 flame retardant
- Good flow for complex parts

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 electrical components
- IT equipment
- Power tool housings
- Connectors and sockets

Regulatory & Compliance

- UL 94 V-0 listed
- RoHS compliant

> ⚠ All data sourced from public manufacturer catalogs.

Contact
Mr. Mo Hailong · +86 138 1603 7020 · 13816037020@139.com

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