PBT

Crastin® SK605FR2

DuPont (now Celanese)

Position #109 • Jinsutong Reference Catalog 2026

Resin Overview

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

This Grade

Manufacturer	DuPont (now Celanese)
Category	PBT · 15% Glass, FR, V-0, Black
Typical Use	FR black PBT for electrical

Key Properties

Density	1.45 g/cm³
MVR (250°C/2.16 kg)	18 cm³/10min
Tensile Strength at Break	90 MPa
Tensile Modulus	5500 MPa
HDT (1.8 MPa)	200 °C
Color	Black
UL 94 Rating	V-0 @ 0.75mm
Continuous Use Temperature	140 °C

Key Features

- FR V-0 black PBT
- 15% glass for stiffness
- High heat 140°C continuous
- DuPont/Celanese quality

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 black electrical components
- Power tool housings
- Server components
- Premium black IT

Regulatory & Compliance

- UL 94 V-0 listed
- RoHS compliant

> ⚠ All data sourced from public manufacturer catalogs.

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