PBT

Crastin® SK602

DuPont (now Celanese)

Position #116 · Jinsutong Reference Catalog 2026

Resin Overview

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

This Grade

Manufacturer	DuPont (now Celanese)
Category	PBT · FR, V-0, General
Typical Use	FR electrical, IT equipment, connectors

Key Properties

Density	1.45 g/cm³
MVR (250°C/2.16 kg)	15 cm³/10min
Tensile Strength at Break	60 MPa
Tensile Modulus	3000 MPa
Elongation at Break	15%
HDT (1.8 MPa)	75 °C
Vicat Softening Point	175 °C
UL 94 Rating	V-0 @ 0.75mm

Key Features

- UL 94 V-0 flame retardant
- Unreinforced PBT
- Good electrical insulation
- RoHS and REACH compliant

Processing Conditions

Melt Temperature	240-270 °C
Mold Temperature	60-90 °C
Drying	4 h @ 120 °C in desiccant dryer
Processing Methods	Injection molding

Typical Applications

- FR electrical components
- IT equipment
- Power tool housings
- Telecom connectors

Regulatory & Compliance

- UL 94 V-0 listed
- RoHS compliant

> ⚠ All data sourced from public manufacturer catalogs.

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