PPA

Zytel® HTN 92G45FR

DuPont (now Celanese)

Position #112 • Jinsutong Reference Catalog 2026

Resin Overview

PPA · 45% Glass, FR, High Stiffness. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	DuPont (now Celanese)
Category	PPA · 45% Glass, FR, High Stiffness
Typical Use	FR high-stiffness PPA for SMT

Key Properties

Density	1.55 g/cm³
MVR (310°C/5 kg)	8 cm³/10min
Tensile Strength at Break	220 MPa
Tensile Modulus	15500 MPa
HDT (1.8 MPa)	280 °C
Continuous Use Temperature	170 °C
UL 94 Rating	V-0 @ 0.4mm
CTI	350 V

Key Features

- 45% glass for very high stiffness
- FR (V-0 at 0.4mm) flame retardant
- High CTI (350V) for high-voltage
- DuPont/Celanese quality

Processing Conditions

Melt Temperature	320-340 °C

Mold Temperature	140-180 °C
Drying	4 h @ 120 °C in desiccant dryer
Processing Methods	Injection molding

Typical Applications

- FR SMT power connectors
- High-voltage electrical
- Automotive high-power electronics
- Premium IT equipment

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

© 2026 Shanghai Jinsutong Plastics Co., Ltd. · jinsutong.com/grades