PPA

Zytel® HTN FR52G30NF

DuPont (now Celanese)

Position #111 • Jinsutong Reference Catalog 2026

Resin Overview

PPA · 30% Glass, Non-Halogen FR. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	DuPont (now Celanese)
Category	PPA · 30% Glass, Non-Halogen FR
Typical Use	Non-halogen FR PPA for green electronics

Key Properties

Density	1.50 g/cm³
MVR (310°C/5 kg)	15 cm³/10min
Tensile Strength at Break	180 MPa
Tensile Modulus	10500 MPa
HDT (1.8 MPa)	275 °C
UL 94 Rating	V-0 @ 0.4mm
Halogen Content	Zero
CTI	375 V

Key Features

- Non-halogen flame retardant
- Green electronics compliant
- 30% glass for stiffness
- 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

- Green electronics connectors
- FR high-voltage parts
- Halogen-free electrical
- Premium eco-friendly IT

Regulatory & Compliance

- UL 94 V-0 listed
- RoHS compliant
- Halogen-free

> ⚠ All data sourced from public manufacturer catalogs.

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