PC

Lexan® 940-701

SABIC

Position #117 · Jinsutong Reference Catalog 2026

Resin Overview

PC · FR, V-0, 10% Glass. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	SABIC
Category	PC · FR, V-0, 10% Glass
Typical Use	FR electrical, IT equipment

Key Properties

MVR (300°C/1.2 kg)	8 cm³/10min
Density	1.25 g/cm³
Tensile Strength at Yield	70 MPa
Tensile Modulus	3500 MPa
Elongation at Break	5%
Notched Izod Impact (23°C)	15 kJ/m²
HDT (1.8 MPa)	135 °C
UL 94 Rating	V-0 @ 1.5mm

Key Features

- FR (V-0) PC with 10% glass for stiffness
- Good dimensional stability
- High heat 135°C
- SABIC quality

Processing Conditions

Melt Temperature	280-320 °C
Mold Temperature	80-110 °C
Drying	4 h @ 120 °C in desiccant dryer
Processing Methods	Injection molding

Typical Applications

- FR electrical enclosures
- IT equipment parts
- Power tool housings
- Server components

Regulatory & Compliance

- UL 94 V-0 listed
- RoHS compliant

> ⚠ All data sourced from public manufacturer catalogs.

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