PC

Lexan® 2440

SABIC

Position #105 · Jinsutong Reference Catalog 2026

Resin Overview

PC · FR, Medium Viscosity. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	SABIC
Category	PC · FR, Medium Viscosity
Typical Use	FR electrical, IT equipment

Key Properties

MVR (300°C/1.2 kg)	12 cm³/10min
Density	1.20 g/cm³
Tensile Strength at Yield	62 MPa
Tensile Modulus	2400 MPa
Elongation at Break	90%
Notched Izod Impact (23°C)	70 kJ/m²
HDT (1.8 MPa)	130 °C
UL 94 Rating	V-0 @ 1.5mm

Key Features

- UL 94 V-0 flame retardant
- Good flow for thin-wall parts
- Good impact strength
- RoHS and REACH compliant

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 housings
- Telecom equipment
- Power tool housings

Regulatory & Compliance

- UL 94 V-0 listed
- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

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