PEI

Ultem® 2400FR

SABIC

Position #114 • Jinsutong Reference Catalog 2026

Resin Overview

PEI · 40% Glass, FR, V-0. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	SABIC
Category	PEI · 40% Glass, FR, V-0
Typical Use	FR high-modulus PEI for electrical

Key Properties

Density	1.55 g/cm³
MVR (360°C/5 kg)	8 cm³/10min
Tensile Strength at Break	195 MPa
Tensile Modulus	13500 MPa
Elongation at Break	1.8%
HDT (1.8 MPa)	215 °C
Flexural Modulus	13000 MPa
UL 94 Rating	V-0 @ 0.75mm

Key Features

- 40% glass + FR (V-0) for high stiffness
- High heat 200°C continuous
- Good for FR electrical and IT
- SABIC quality

Processing Conditions

Melt Temperature	350-380 °C

Mold Temperature	150-180 °C
Drying	4 h @ 150 °C in desiccant dryer
Processing Methods	Injection molding

Typical Applications

- FR electrical enclosures
- High-modulus structural
- Premium IT parts
- Aerospace structural

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