ABS

Cycolac® FCR

SABIC

Position #103 · Jinsutong Reference Catalog 2026

Resin Overview

ABS · FR, V-0, High Heat. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	SABIC
Category	ABS · FR, V-0, High Heat
Typical Use	FR electrical, IT equipment, telecom

Key Properties

MFR (220°C/10 kg)	6 g/10min
Density	1.06 g/cm³
Tensile Strength at Yield	45 MPa
Tensile Modulus	2400 MPa
Notched Izod Impact (23°C)	20 kJ/m²
HDT (1.8 MPa)	95 °C
Vicat Softening Point	103 °C
UL 94 Rating	V-0 @ 1.5mm

Key Features

- UL 94 V-0 flame retardant
- Good heat resistance (HDT 95°C)
- High impact strength
- RoHS and REACH compliant

Processing Conditions

Melt Temperature	210-250 °C
Mold Temperature	40-80 °C
Drying	2 h @ 80 °C
Processing Methods	Injection molding

Typical Applications

- FR electrical enclosures
- IT equipment housings
- Power tool housings
- Telecom equipment

Regulatory & Compliance

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

> ⚠ All data sourced from public manufacturer catalogs.

Contact
Mr. Mo Hailong (莫海龙) — Business Manager · +86 138 1603 7020 · 13816037020@139.com
Shanghai Jinsutong Plastics Co., Ltd. · 1st Building, 5601 Yanqian Road, Fengxian District, Shanghai

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