ABS

Cycolac® LD BFR

SABIC

Position #101 · Jinsutong Reference Catalog 2026

Resin Overview

ABS · FR, Plating, Black. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	SABIC
Category	ABS · FR, Plating, Black
Typical Use	FR plating grade for automotive

Key Properties

MFR (220°C/10 kg)	6 g/10min
Density	1.06 g/cm³
Tensile Strength at Yield	46 MPa
Tensile Modulus	2400 MPa
Notched Izod Impact (23°C)	22 kJ/m²
HDT (1.8 MPa)	93 °C
Color	Black
UL 94 Rating	V-0 @ 1.5mm

Key Features

- FR (V-0) plating-grade ABS
- Black pre-compounded
- Good plating adhesion
- 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, plating

Typical Applications

- Chrome-plated automotive trim
- FR decorative parts
- Premium black finish
- High-heat applications

Regulatory & Compliance

- UL 94 V-0 listed
- RoHS compliant

> ⚠ 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

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