PC

Lexan® 3412ECR

SABIC

Position #105 • Jinsutong Reference Catalog 2026

Resin Overview

PC · 20% 玻纤,易模. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	SABIC
Category	PC · 20% 玻纤,易模
Typical Use	20% 玻纤,高刚且易流

Key Properties

流不体积率	10 cm³/10min
密度	1.34 g/cm³
展长涵包强度	95 MPa
展长模量	6000 MPa
断裂伸长率	5%
缺口冲击(23°C)	15 kJ/m²
热变形温度(1.8 MPa)	135 °C
脱模	Pre-added

Key Features

- 20% 玻纤高刚性
- 复杂件易模
- 预加脱模快成型
- 高耗 135°C

Processing Conditions

流不温度	280-320 °C

模具温度	80-110 °C
干燥	4 h @ 120 °C in desiccant dryer
加工方式	Injection molding

Typical Applications

- 汽车结构件
- 高刚 IT 设备
- 办公设备
- 高端消费品

Regulatory & Compliance

- UL 94 V-2
- RoHS 合规

> ⚠ All data sourced from public manufacturer catalogs.

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