PC

Lexan® 121R-701

SABIC

Position #106 · Jinsutong Reference Catalog 2026

Resin Overview

PC · Black, Release. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	SABIC
Category	PC · Black, Release
Typical Use	Black consumer goods, fast cycle

Key Properties

MVR (300°C/1.2 kg)	15 cm³/10min
Density	1.20 g/cm³
Tensile Strength at Yield	65 MPa
Tensile Modulus	2400 MPa
Notched Izod Impact (23°C)	75 kJ/m²
HDT (1.8 MPa)	130 °C
Mold Release	Pre-added
Color	Black

Key Features

- Pre-added release for fast cycle
- Good flow for complex parts
- Good impact strength
- Black color pre-compounded

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

- Black consumer goods
- Electrical enclosures
- Fast-cycle production
- Black IT equipment parts

Regulatory & Compliance

- UL 94 V-2
- RoHS compliant

> ⚠ All data sourced from public manufacturer catalogs.

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