PC+ABS

Cycoloy® CYC6120

SABIC

Position #111 · Jinsutong Reference Catalog 2026

Resin Overview

PC+ABS · High Modulus, Black. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	SABIC
Category	PC+ABS · High Modulus, Black
Typical Use	High-modulus black, structural

Key Properties

MVR (260°C/5 kg)	10 g/10min
Density	1.18 g/cm³
Tensile Strength at Yield	64 MPa
Tensile Modulus	3200 MPa
Elongation at Break	40%
Notched Izod Impact (23°C)	42 kJ/m²
HDT (1.8 MPa)	108 °C
Color	Black

Key Features

- High modulus (3200 MPa) for structural parts
- Black pre-compounded
- Good impact strength
- SABIC quality

Processing Conditions

Melt Temperature	250-280 °C
Mold Temperature	60-80 °C
Drying	4 h @ 100 °C in desiccant dryer
Processing Methods	Injection molding

Typical Applications

- Automotive structural parts
- Premium structural housings
- Office equipment frames
- Industrial enclosures

Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

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