PC+ABS

Cycoloy® RC614

SABIC

Position #101 · Jinsutong Reference Catalog 2026

Resin Overview

PC+ABS · High Heat, Automotive. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	SABIC
Category	PC+ABS · High Heat, Automotive
Typical Use	High-heat automotive interior, dashboard

Key Properties

MFR (260°C/5 kg)	12 g/10min
Density	1.15 g/cm³
Tensile Strength at Yield	55 MPa
Tensile Modulus	2400 MPa
Elongation at Break	50%
Notched Izod Impact (23°C)	50 kJ/m²
HDT (1.8 MPa)	120 °C
Vicat Softening Point	130 °C

Key Features

- High heat resistance (HDT 120°C)
- Good impact strength
- Suitable for automotive interior
- Low temperature ductility

Processing Conditions

Melt Temperature	260-290 °C
Mold Temperature	70-90 °C
Drying	4 h @ 100 °C in desiccant dryer
Processing Methods	Injection molding

Typical Applications

- Automotive dashboard components
- High-heat interior trim
- Center console parts
- Door panel substrates

Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

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