PC+ABS

Cycoloy® CYC17-100

SABIC

Position #109 · 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

MVR (260°C/5 kg)	11 g/10min
Density	1.15 g/cm³
Tensile Strength at Yield	54 MPa
Tensile Modulus	2400 MPa
Elongation at Break	50%
Notched Izod Impact (23°C)	48 kJ/m²
HDT (1.8 MPa)	108 °C
Vicat Softening Point	118 °C

Key Features

- High heat (HDT 108°C) for automotive
- Good impact strength
- UV stabilized for interior
- 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 interior trim
- Dashboard components
- Center console parts
- Premium automotive parts

Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

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