ABS

Cycolac® 3600

SABIC

Position #111 · Jinsutong Reference Catalog 2026

Resin Overview

ABS · High Heat, Clear. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	SABIC
Category	ABS · High Heat, Clear
Typical Use	High-heat clear ABS for industrial

Key Properties

MFR (220°C/10 kg)	5 g/10min
Density	1.05 g/cm³
Tensile Strength at Yield	48 MPa
Tensile Modulus	2500 MPa
Elongation at Break	20%
Notched Izod Impact (23°C)	18 kJ/m²
HDT (1.8 MPa)	102 °C
Light Transmittance (2mm)	88%

Key Features

- High heat ABS with transparency
- 88% transmittance for clear parts
- Good impact strength
- SABIC quality

Processing Conditions

Melt Temperature	210-250 °C
Mold Temperature	40-80 °C
Drying	2 h @ 80 °C
Processing Methods	Injection molding

Typical Applications

- Clear industrial housings
- Transparent covers and guards
- Medical device clear parts
- High-heat appliances

Regulatory & Compliance

- UL 94 HB
- RoHS compliant

> ⚠ All data sourced from public manufacturer catalogs.

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