ABS

Cycolac® 3800

SABIC

Position #111 · Jinsutong Reference Catalog 2026

Resin Overview

ABS · Injection, High Flow. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	SABIC
Category	ABS · Injection, High Flow
Typical Use	Thin-wall injection, high-flow

Key Properties

MFR (220°C/10 kg)	15 g/10min
Density	1.04 g/cm³
Tensile Strength at Yield	42 MPa
Tensile Modulus	2200 MPa
Elongation at Break	30%
Notched Izod Impact (23°C)	24 kJ/m²
HDT (1.8 MPa)	88 °C
Vicat Softening Point	95 °C

Key Features

- Very high MFR (15) for thin-wall flow
- Good impact for general use
- High gloss for visible parts
- 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

- Thin-wall consumer goods
- Toy components
- Office equipment housings
- General injection parts

Regulatory & Compliance

- UL 94 HB
- RoHS compliant

> ⚠ All data sourced from public manufacturer catalogs.

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