ABS

Cycolac® GPM5500

SABIC

Position #101 • Jinsutong Reference Catalog 2026

Resin Overview

ABS · High Impact, Plating. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	SABIC
Category	ABS · High Impact, Plating
Typical Use	High impact ABS suitable for plating

Key Properties

MFR (220°C/10 kg)	5 g/10min
Density	1.05 g/cm³
Tensile Strength at Yield	46 MPa
Tensile Modulus	2400 MPa
Notched Izod Impact (23°C)	25 kJ/m²
Elongation at Break	25%
HDT (1.8 MPa)	90 °C
Vicat Softening Point	98 °C

Key Features

- High impact (25 kJ/m²) ABS
- Suitable for chrome plating
- Good flow for complex parts
- SABIC quality

Processing Conditions

Melt Temperature	210-250 °C

Mold Temperature	40-80 °C
Drying	2 h @ 80 °C
Processing Methods	Injection molding, plating

Typical Applications

- Chrome-plated automotive trim
- Premium decorative parts
- High-impact plated parts
- Consumer goods

Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

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