ABS

Cycolac® GP 35AA

SABIC

Position #117 · Jinsutong Reference Catalog 2026

Resin Overview

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

This Grade

Manufacturer	SABIC
Category	ABS · Antistatic, Injection
Typical Use	Antistatic ABS for electronic component handling

Key Properties

MFR (220°C/10 kg)	7 g/10min
Density	1.05 g/cm³
Tensile Strength at Yield	45 MPa
Tensile Modulus	2400 MPa
Elongation at Break	25%
Notched Izod Impact (23°C)	24 kJ/m²
HDT (1.8 MPa)	90 °C
Surface Resistivity	10¹-10¶ Ω

Key Features

- Antistatic (10⁶-10⁹ ohm) for electronic use
- Prevents static discharge damage
- Good mechanical strength
- Suitable for IC trays

Processing Conditions

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

Typical Applications

- IC and electronic component trays
- Electronic component handling
- ESD-sensitive parts packaging
- Semiconductor handling equipment

Regulatory & Compliance

- RoHS compliant
- Surface resistivity compliant to IEC 61340

> ⚠ All data sourced from public manufacturer catalogs.

Contact
Mr. Mo Hailong (莫海龙) — Business Manager · +86 138 1603 7020 · 13816037020@139.com
Shanghai Jinsutong Plastics Co., Ltd. · 1st Building, 5601 Yanqian Road, Fengxian District, Shanghai

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