ABS

Polylac® PA-717C

Chi Mei

Position #102 · Jinsutong Reference Catalog 2026

Resin Overview

ABS · High Gloss, Chrome Platable. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	Chi Mei
Category	ABS · High Gloss, Chrome Platable
Typical Use	Chrome-plated automotive trim, high-gloss housings

Key Properties

MFR (220°C/10 kg)	13 g/10min
Density	1.05 g/cm³
Tensile Strength at Yield	47 MPa
Tensile Modulus	2500 MPa
Elongation at Break	30%
Notched Izod Impact (23°C)	25 kJ/m²
HDT (1.8 MPa)	92 °C
Gloss (60°)	97

Key Features

- High gloss (97 at 60°)
- Suitable for chrome plating
- Good impact strength
- Easy flow for thin-wall parts

Processing Conditions

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

Typical Applications

- Chrome-plated automotive grille
- High-gloss appliance front panels
- Bathroom accessories
- Toys and decorative parts

Regulatory & Compliance

- UL 94 HB
- RoHS compliant

> ⚠ 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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