ABS

Polylac® PA-756

Chi Mei

Position #103 · Jinsutong Reference Catalog 2026

Resin Overview

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

This Grade

Manufacturer	Chi Mei
Category	ABS · High Impact, Injection
Typical Use	High impact consumer goods, toys

Key Properties

MFR (220°C/10 kg)	10 g/10min
Density	1.05 g/cm³
Tensile Strength at Yield	47 MPa
Tensile Modulus	2500 MPa
Notched Izod Impact (23°C)	28 kJ/m²
Elongation at Break	30%
HDT (1.8 MPa)	90 °C
Vicat Softening Point	98 °C

Key Features

- Very high impact strength (28 kJ/m²)
- Good flow for complex parts
- High gloss surface
- Chi Mei quality

Processing Conditions

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

Typical Applications

- Toys and games
- Consumer electronics
- High impact housings
- Stationery and office

Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

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