ABS

Polylac® PA-756H

Chi Mei

Position #113 · Jinsutong Reference Catalog 2026

Resin Overview

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

This Grade

Manufacturer	Chi Mei
Category	ABS · High Heat, High Impact
Typical Use	High-heat automotive, appliances

Key Properties

MFR (220°C/10 kg)	5 g/10min
Density	1.05 g/cm³
Tensile Strength at Yield	46 MPa
Tensile Modulus	2500 MPa
Elongation at Break	20%
Notched Izod Impact (23°C)	20 kJ/m²
HDT (1.8 MPa)	100 °C
Vicat Softening Point	108 °C

Key Features

- High heat (HDT 100°C) for automotive
- Good impact for high-heat use
- High gloss for visible parts
- Chi Mei quality from Taiwan

Processing Conditions

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

Typical Applications

- High-heat automotive interior
- Premium appliance housings
- Dashboard components
- High-gloss visible parts

Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

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