ABS

MAGNUM™ 8391

Trinseo

Position #104 · Jinsutong Reference Catalog 2026

Resin Overview

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

This Grade

Manufacturer	Trinseo
Category	ABS · High Flow, Injection
Typical Use	Thin-wall complex parts, high-flow applications

Key Properties

MFR (220°C/10 kg)	22 g/10min
Density	1.04 g/cm³
Tensile Strength at Yield	42 MPa
Tensile Modulus	2200 MPa
Elongation at Break	25%
Notched Izod Impact (23°C)	22 kJ/m²
HDT (1.8 MPa)	88 °C
Vicat Softening Point	95 °C

Key Features

- Very high flow (MFR 22) for thin-wall
- Good impact strength
- Suitable for complex geometry
- Wide processing window

Processing Conditions

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

Typical Applications

- Thin-wall housings
- Large flat-panel parts
- Complex geometry parts
- High-flow consumer products

Regulatory & Compliance

- UL 94 HB
- RoHS compliant

> ⚠ All data sourced from public manufacturer catalogs.

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