ABS

MAGNUM™ 3453

Trinseo

Position #104 · Jinsutong Reference Catalog 2026

Resin Overview

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

This Grade

Manufacturer	Trinseo
Category	ABS · High Impact, Black
Typical Use	High impact black consumer goods

Key Properties

MFR (220°C/10 kg)	7 g/10min
Density	1.05 g/cm³
Tensile Strength at Yield	46 MPa
Tensile Modulus	2400 MPa
Notched Izod Impact (23°C)	25 kJ/m²
Elongation at Break	25%
HDT (1.8 MPa)	90 °C
Color	Black

Key Features

- High impact strength
- Black pre-compounded
- Good for consumer goods and IT
- Trinseo quality

Processing Conditions

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

Typical Applications

- Black consumer goods
- IT equipment parts
- Appliance components
- Office equipment

Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

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