ABS

# MAGNUM™ 3420AZ

Trinseo

Position #102 • Jinsutong Reference Catalog 2026

## Resin Overview

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

## This Grade

| | |
|---|---|
| **Manufacturer** | Trinseo |
| **Category** | ABS · High Impact, Automotive |
| **Typical Use** | High impact ABS for automotive interior |

## Key Properties

| | |
|---|---|
| **MFR (220°C/10 kg)** | 5 g/10min |
| **Density** | 1.05 g/cm³ |
| **Tensile Strength at Yield** | 44 MPa |
| **Tensile Modulus** | 2300 MPa |
| **Notched Izod Impact (23°C)** | 26 kJ/m² |
| **Elongation at Break** | 30% |
| **HDT (1.8 MPa)** | 90 °C |
| **Vicat Softening Point** | 98 °C |

## Key Features

- High impact ABS for automotive
- Good dimensional stability
- High gloss surface
- SABIC quality

## Processing Conditions

| | |
|---|---|
| **Melt Temperature** | 210-250 °C |

| | |
|---|---|
| **Mold Temperature** | 40-80 °C |
| **Drying** | 2 h @ 80 °C |
| **Processing Methods** | Injection molding |

## Typical Applications

- Automotive interior
- Dashboard parts
- Premium trim
- Consumer goods

## Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

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