ABS MAGNUM 3416SC

Trinseo

Reference catalog 2026 - Upgraded Template

Resin Overview (Upgraded Template)

ABS · 丙烯-丁二烯-苯烯 (Upgraded)

This Grade

Manufacturer	Trinseo
Category	ABS · 丙烯-丁二烯-苯烯 (Upgraded)
Typical Use	Reference grade for 丙烯-丁二烯-苯烯 (Upgraded)

Key Properties (8 metrics)

MFR (220°C/10 kg)	8 g/10min
Density	1.05 g/cm3
Tensile Strength at Yield	45 MPa
Tensile Modulus	2400 MPa
Elongation at Break	25%
Notched Izod Impact (23°C)	22 kJ/m2
HDT (1.8 MPa)	90 °C
Vicat Softening Point	98 °C

Key Features

- High impact strength
- Good dimensional stability
- Easy processing for complex parts
- Good surface finish

Processing Conditions

Melt Temperature	210-250 °C
Mold Temperature	40-80 °C

Drying	2 h @ 80 °C
Processing Methods	Injection molding, extrusion

Typical Applications

- Consumer electronics
- Automotive interior
- Toys and games
- Appliance housings

Regulatory & Compliance

- RoHS compliant
- REACH registered
- FDA food contact grades available

> Data from public manufacturer catalogs. Verify before procurement.

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