ABS

Lustran® 252

INEOS Styrolution

Position #103 · Jinsutong Reference Catalog 2026

Resin Overview

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

This Grade

Manufacturer	INEOS Styrolution
Category	ABS · High Heat, Injection
Typical Use	High-heat automotive interior, appliances

Key Properties

MFR (220°C/10 kg)	5 g/10min
Density	1.06 g/cm³
Tensile Strength at Yield	48 MPa
Tensile Modulus	2500 MPa
Elongation at Break	20%
Notched Izod Impact (23°C)	18 kJ/m²
HDT (1.8 MPa)	104 °C
Vicat Softening Point	112 °C

Key Features

- Higher HDT (104°C) for heat resistance
- Good impact strength
- Good dimensional stability
- High gloss surface

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
- Appliance housings
- Office equipment
- Electrical enclosures

Regulatory & Compliance

- UL 94 HB
- RoHS compliant

> ⚠ All data sourced from public manufacturer catalogs.

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