ABS

Lustran Elite® 178U

INEOS Styrolution

Position #103 • Jinsutong Reference Catalog 2026

Resin Overview

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

This Grade

Manufacturer	INEOS Styrolution
Category	ABS · High Flow, Injection, UV
Typical Use	High flow UV-stabilized ABS

Key Properties

MFR (220°C/10 kg)	18 g/10min
Density	1.04 g/cm³
Tensile Strength at Yield	43 MPa
Tensile Modulus	2200 MPa
Notched Izod Impact (23°C)	25 kJ/m²
Elongation at Break	30%
HDT (1.8 MPa)	88 °C
UV Aging (1000h)	ΔE<2

Key Features

- Very high flow (MFR 18) for thin-wall
- UV stabilized for outdoor use
- Good impact strength
- INEOS quality

Processing Conditions

Melt Temperature	210-250 °C

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

Typical Applications

- Outdoor automotive parts
- Thin-wall consumer goods
- UV-exposed parts
- Stationery and office

Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

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