ABS

Lustran Elite® 1820

INEOS Styrolution

Position #102 · Jinsutong Reference Catalog 2026

Resin Overview

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

This Grade

Manufacturer	INEOS Styrolution
Category	ABS · High Flow, Injection
Typical Use	High-flow thin-wall consumer goods

Key Properties

MFR (220°C/10 kg)	20 g/10min
Density	1.04 g/cm³
Tensile Strength at Yield	43 MPa
Tensile Modulus	2300 MPa
Elongation at Break	30%
Notched Izod Impact (23°C)	26 kJ/m²
HDT (1.8 MPa)	88 °C
Vicat Softening Point	96 °C

Key Features

- Very high MFR (20) for thin-wall
- Good impact strength
- High gloss surface
- Wide processing window

Processing Conditions

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

Typical Applications

- Thin-wall consumer goods
- Stationery and toys
- Office equipment
- IT equipment parts

Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

Contact
Mr. Mo Hailong (莫海龙) — Business Manager · +86 138 1603 7020 · 13816037020@139.com
Shanghai Jinsutong Plastics Co., Ltd. · 1st Building, 5601 Yanqian Road, Fengxian District, Shanghai

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