PA12

Vestamid® L 2140

Evonik Industries

Position #120 · Jinsutong Reference Catalog 2026

Resin Overview

PA12 · High Viscosity, Extrusion. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	Evonik Industries
Category	PA12 · High Viscosity, Extrusion
Typical Use	High viscosity extrusion, tubing, film

Key Properties

Density	1.01 g/cm³
MVR (235°C/5 kg)	3 cm³/10min
Melting Point (DSC)	178 °C
Tensile Strength at Yield	50 MPa
Elongation at Break	250%
Notched Izod Impact (23°C)	7 kJ/m²
HDT (0.45 MPa)	125 °C
Tensile Modulus	1500 MPa

Key Features

- High viscosity for extrusion
- Good chemical resistance
- Low moisture absorption
- Evonik quality

Processing Conditions

Melt Temperature	220-260 °C
Mold Temperature	N/A (extrusion)
Drying	4-6 h @ 80 °C in desiccant dryer
Processing Methods	Extrusion

Typical Applications

- High viscosity extrusion
- Tubing and hoses
- Film extrusion
- Industrial extrusion

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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