PA12

Vestamid® L 1901

Evonik Industries

Position #115 · Jinsutong Reference Catalog 2026

Resin Overview

PA12 · High MVR, Injection. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	Evonik Industries
Category	PA12 · High MVR, Injection
Typical Use	High-flow injection, thin-wall parts

Key Properties

Density	1.01 g/cm³
MVR (235°C/5 kg)	50 cm³/10min
Melting Point (DSC)	178 °C
Tensile Strength at Yield	46 MPa
Elongation at Break	230%
Notched Izod Impact (23°C)	6 kJ/m²
HDT (0.45 MPa)	125 °C
Moisture Absorption (saturation)	0.7%

Key Features

- Very high MVR (50) for thin-wall flow
- Good surface finish
- Low moisture absorption
- Evonik quality

Processing Conditions

Melt Temperature	200-250 °C
Mold Temperature	40-80 °C
Drying	4-6 h @ 80 °C in desiccant dryer
Processing Methods	Injection molding

Typical Applications

- Thin-wall connectors
- Complex geometry parts
- Automotive interior parts
- Office equipment components

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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