PA12

Vestamid® L 2124

Evonik Industries

Position #116 · Jinsutong Reference Catalog 2026

Resin Overview

PA12 · Low Viscosity, Injection. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	Evonik Industries
Category	PA12 · Low Viscosity, Injection
Typical Use	Injection molded parts, gears, mechanical

Key Properties

Density	1.01 g/cm³
MVR (235°C/5 kg)	40 cm³/10min
Melting Point (DSC)	178 °C
Tensile Strength at Yield	48 MPa
Elongation at Break	220%
Notched Izod Impact (23°C)	7 kJ/m²
HDT (0.45 MPa)	120 °C
Moisture Absorption (saturation)	0.7%

Key Features

- Low viscosity for easy flow injection
- High impact strength
- Low moisture absorption for stability
- Evonik quality

Processing Conditions

Melt Temperature	210-260 °C
Mold Temperature	40-80 °C
Drying	4-6 h @ 80 °C in desiccant dryer
Processing Methods	Injection molding

Typical Applications

- Injection molded gears
- Automotive clips and fasteners
- Mechanical engineering parts
- Office equipment components

Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

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