PA12

Rilsamid® T302 Natural

Arkema

Position #120 • Jinsutong Reference Catalog 2026

Resin Overview

PA12 · Natural, Heat Stabilized. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	Arkema
Category	PA12 · Natural, Heat Stabilized
Typical Use	Natural PA12 for high-temp applications

Key Properties

Density	1.01 g/cm³
MVR (235°C/5 kg)	12 cm³/10min
Melting Point (DSC)	178 °C
Tensile Strength at Yield	48 MPa
Tensile Modulus	1400 MPa
Elongation at Break	250%
Notched Izod Impact (23°C)	6 kJ/m²
HDT (0.45 MPa)	120 °C

Key Features

- Heat-stabilized for high-temp use
- Natural color for pigmentation
- Good chemical resistance
- Low moisture absorption

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

- High-temp automotive parts
- Under-hood components
- Heat-stabilized mechanical parts
- Industrial parts

Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

Contact
Mr. Mo Hailong · +86 138 1603 7020 · 13816037020@139.com

© 2026 Shanghai Jinsutong Plastics Co., Ltd. · jinsutong.com/grades