

TECHNICAL DATA SHEET

RILSAMID® AESNO

POLYAMIDE 12 PELLET

RILSAMID® AESNO is a polyamide 12 resin. This natural grade without additive is designed for tube extrusion.

Designation : ISO 16396 - PA12, EG, C22-010

DESIGNATION

PA12

MAIN APPLICATIONS

- Winter Sports - Ski
- Outdoor - Equipment - Growth
- Cables Antitermites
- Cable
- Compounding
- Hoses & Tubes - Pneumatics
- Hoses & Tubes
- Industry - Distribution
- Other Transportation
- Auto - Others Extrusion
- Auto - Others Injection
- Heavy Truck - Others Extrusion
- Heavy Truck - Air Brake Lines

DELIVERY FORM

- Pellets

TRANSFORMATION PROCESSES

- Extrusion - General
- Tube Extrusion

MECHANICAL PROPERTIES

PROPERTIES	DRY / COND VALUE*	TEST STANDARD
Flexural modulus, 23°C (73°F)	- / 1060 MPa	ISO 178

*DRY: Dry As Molded (DAM) if pellet / Dry if powder.
COND: Conditioned.

PACKAGING

This grade is delivered dried in sealed packaging ready to be processed. Available packaging:

- 25 kg / 55 lb bags

SHELF LIFE

Two years from the date of delivery, when stored properly (sealed bags, appropriate moisture, UV protection and temperature). For any use above this limit, please refer to our technical services.

PROCESSING CONDITIONS:

- Typical melt temperature (Min / Recommended / Max) - Injection Molding: 230°C / 250°C / 270°C (445°F / 480°F / 520°F)
- Typical mold temperature - Injection molding: 20-60°C (70-140°F)
- Drying time and temperature: 80-90°C (175-195°F) / 4-6 hours

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