

RILSAMID® AESNO 14 TL

ISO 16396 - PA12, EGHL, C22-010
Rilsamid® AESNO 14 TL resin is a polyamide 12.

This grade is designed for extrusion and specially dedicated for application where transparency is required.

MAIN CHARACTERISTICS

PROPERTIES	DRY / COND	UNIT	TEST STANDARD
RHEOLOGICAL PROPERTIES			
Melt Volume-Flow Rate	2.1 / *	cm ³ /10min	ISO 1133
Temperature	235 / *	°C	-
Load	5 / *	kg	-
MECHANICAL PROPERTIES			
Tensile Modulus	- / 1125	MPa	ISO 527-1/-2
Yield stress	- / 34	MPa	ISO 527-1/-2
Yield strain	- / 11	%	ISO 527-1/-2
Nominal Strain at Break	- / > 50	%	ISO 527-1/-2
Charpy Impact Strength, +23°C	No Break / No Break	kJ/m ²	ISO 179/1eU
Charpy Impact Strength, -30°C	No Break / No Break	kJ/m ²	ISO 179/1eU
Charpy Notched Impact Strength, +23°C	- / 63	kJ/m ²	ISO 179/1eA
Charpy Notched Impact Strength, -30°C	- / 11	kJ/m ²	ISO 179/1eA
THERMAL PROPERTIES			
Melting Temperature, 10°C/min	178 / *	°C	ISO 11357-1/-3
OTHER PROPERTIES			
Density	1010 / 1010	kg/m ³	ISO 1183

MAIN APPLICATIONS:

- Ski top layer

PACKAGING:

This grade is delivered dried in sealed packaging (550 kg rigid containers)) ready to be processed.

SHELF LIFE:

Two years from the date of delivery. for any use above this limit, please refer to our technical services.

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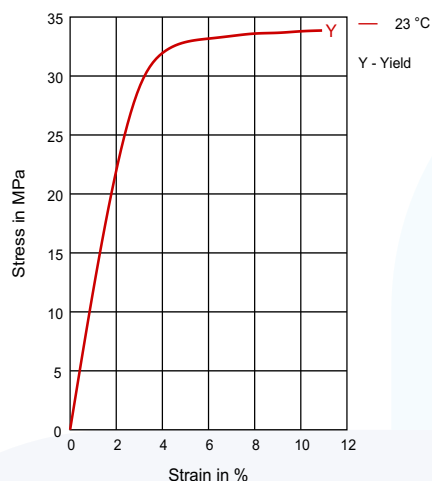
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RILSAMID®
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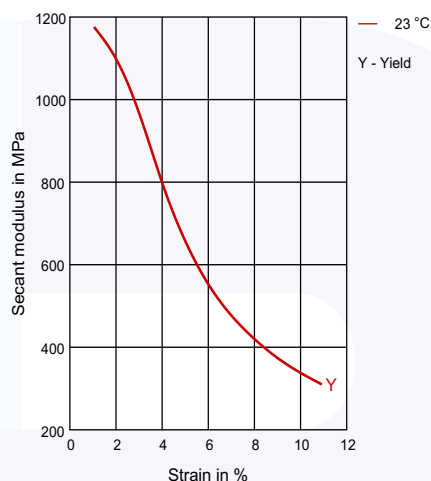
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DIAGRAMS

STRESS-STRAIN



SECANT MODULUS-STRAIN



Processing conditions, Extrusion:

- Typical melt temperature (Min / Recommended / Max) : 230°C / 240°C / 270°C.
- Drying time and temperature (only necessary for bags opened for more than two hours) : 4-6 hours at 80°C.

PROCESSING

Profile Extrusion, Sheet Extrusion, Other Extrusion

DELIVERY FORM

Pellets

ADDITIVES

Lubricants

SPECIAL CHARACTERISTICS

Heat Stabilized, Light Stabilized

REGIONAL AVAILABILITY

North America, Europe, Asia Pacific, South and Central America, Near East/Africa

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