

**Product Texts**

ISO 16396 - PA12, KGHL, C12-010

Rilsamid® AECNO TL resin is a natural polyamide 12.

This grade is designed for cable coating.

**Main applications:**

- Wire and cable sheathing

**Packaging:**

This grade is delivered dried in sealed packaging (25 kg bags) 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.

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	- / 1250	MPa	ISO 527
<sup>[C]</sup> Yield stress	- / 43	MPa	ISO 527
<sup>[C]</sup> Yield strain	- / 5	%	ISO 527
<sup>[C]</sup> Nominal strain at break	- / >50	%	ISO 527
<sup>[C]</sup> Charpy notched impact strength, +23°C	- / 5	kJ/m <sup>2</sup>	ISO 179/1eA
<sup>[C]</sup> Charpy notched impact strength, -30°C	- / 7	kJ/m <sup>2</sup>	ISO 179/1eA
<sup>[C]</sup> Shore D hardness	71 / *	-	ISO 7619-1

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melting temperature, 10°C/min	178 / *	°C	ISO 11357-1/-3

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
<sup>[C]</sup> Density	1010 / 1010	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

**Characteristics****Processing**

Injection Molding, Other Extrusion, Coating

**Delivery form**

Pellets

**Additives**

Lubricants

**Special Characteristics**

Light stabilized or stable to light, U.V. stabilized or stable to weather, Heat stabilized or stable to heat

**Regional Availability**

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

**Other text information****Other extrusion****Processing conditions:**

Typical melt temperature (Min / recommended / Max): 240°C / 250°C / 260°C

Drying time and temperature (only necessary for bags opened more than two hours): 4 - 8 hours at 80°C