

**Product Texts**

ISO 16396 - PA12, EGHZ, C22-005

**Rilsamid® AESN BLACK P202 CTL resin** is a plasticized conductive grade designed for tube extrusion.

**Rilsamid® AESN BLACK P202 CTL resin** is specially designed for conductive multi-layers fuel line applications.

**Main applications:**

Conductive layer for fuel line applications.

**Packaging:**

This grade is delivered dried in sealed packaging (20 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.

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melt volume-flow rate, MVR	1.2 / *	cm <sup>3</sup> /10min	ISO 1133
Temperature	235 / *	°C	-
Load	5 / *	kg	-

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	- / 585	MPa	ISO 527
<sup>[C]</sup> Yield stress	- / 35	MPa	ISO 527
<sup>[C]</sup> Yield strain	- / 26	%	ISO 527
<sup>[C]</sup> Nominal strain at break	- / >50	%	ISO 527
<sup>[C]</sup> Charpy notched impact strength, +23°C	- / 82	kJ/m <sup>2</sup>	ISO 179/1eA
<sup>[C]</sup> Charpy notched impact strength, -30°C	- / 4	kJ/m <sup>2</sup>	ISO 179/1eA
<sup>[C]</sup> Shore D hardness	65 / *	-	ISO 7619-1

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melting temperature, 10°C/min	174 / *	°C	ISO 11357-1/-3

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
<sup>[C]</sup> Density	1140 / -	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

**Characteristics****Processing**

Profile Extrusion, Other Extrusion

**Special Characteristics**

Increased electrical conductivity, Anti-static, High impact or impact modified, Light stabilized or stable to light, U.V. stabilized or stable to weather, Heat stabilized or stable to heat

**Delivery form**

Pellets, Black

**Regional Availability**

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

**Additives**

Plasticizer

**Other text information**

**Other extrusion**

**Processing conditions for 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.