

RILSAMID® AESN BLACK P202 CTL

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 CHARACTERISTICS

PROPERTIES	DRY / COND	UNIT	TEST STANDARD
RHEOLOGICAL PROPERTIES			
Melt Volume-Flow Rate	1.2 / *	cm ³ /10min	ISO 1133
Temperature	235 / *	°C	-
Load	5 / *	kg	-
MECHANICAL PROPERTIES			
Tensile Modulus	- / 585	MPa	ISO 527-1/-2
Yield stress	- / 35	MPa	ISO 527-1/-2
Yield strain	- / 26	%	ISO 527-1/-2
Nominal Strain at Break	- / > 50	%	ISO 527-1/-2
Shore D Hardness, 15s	65 / *	-	ISO 7619-1
Charpy Impact Strength, +23°C	- / No Break	kJ/m ²	ISO 179/1eU
Charpy Impact Strength, -30°C	- / No Break	kJ/m ²	ISO 179/1eU
Charpy Notched Impact Strength, +23°C	- / 82	kJ/m ²	ISO 179/1eA
Charpy Notched Impact Strength, -30°C	- / 4	kJ/m ²	ISO 179/1eA
THERMAL PROPERTIES			
Melting Temperature, 10°C/min	174 / *	°C	ISO 11357-1/-3

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 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.

PROCESSING

Profile Extrusion, Other Extrusion

SPECIAL CHARACTERISTICS

Conductive, Heat Stabilized, Light Stabilized

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RILSAMID®
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RILSAMID® AESN BLACK P202 CTL

DELIVERY FORM

Pellets

ADDITIVES

Plasticizer

REGIONAL AVAILABILITY

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

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RILSAMID®
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