

RILSAMID® AECV BLACK P40 T8L

ISO 16396 - PA12-P, KGHL, C14-004

Rilsamid® AECV BLACK P40 T8L resin is a black colored polyamide 12.
This black grade is plasticized and designed for cable coating.

MAIN CHARACTERISTICS

PROPERTIES	DRY / COND	UNIT	TEST STANDARD
RHEOLOGICAL PROPERTIES			
Melt Volume-Flow Rate	23 / *	cm ³ /10min	ISO 1133
Temperature	235 / *	°C	-
Load	2.16 / *	kg	-
MECHANICAL PROPERTIES			
Tensile Modulus	- / 420	MPa	ISO 527-1/-2
Yield stress	- / 26	MPa	ISO 527-1/-2
Yield strain	- / 27	%	ISO 527-1/-2
Nominal Strain at Break	- / >50	%	ISO 527-1/-2
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	- / 7	kJ/m ²	ISO 179/1eA
Charpy Notched Impact Strength, -30°C	- / 5	kJ/m ²	ISO 179/1eA
THERMAL PROPERTIES			
Melting Temperature, 10°C/min	172 / *	°C	ISO 11357-1/-3
OTHER PROPERTIES			
Density	1010 / 1010	kg/m ³	ISO 1183

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.

Processing conditions, Extrusion :

- 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

PROCESSING

Sheet Extrusion, Other Extrusion, Coating

SPECIAL CHARACTERISTICS

Heat Stabilized, Light Stabilized

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<https://www.arkema.com/en/products/product-safety/disclaimer/index.html>

RILSAMID®
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RILSAMID® AECV BLACK P40 T8L

DELIVERY FORM

Pellets

ADDITIVES

Lubricants, Plasticizer

REGIONAL AVAILABILITY

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

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