

Product Texts

ISO 16396 - PA12, EGHL, C22-010

Rilsamid® AESN BLACK T6L resin is a rigid polyamide.

This black colored grade is designed for tube extrusion.

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
^[C] Melt volume-flow rate, MVR	8 / *	cm ³ /10min	ISO 1133
Temperature	235 / *	°C	-
Load	5 / *	kg	-

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	- / 1350	MPa	ISO 527
^[C] Yield stress	- / 44	MPa	ISO 527
^[C] Yield strain	- / 5	%	ISO 527
^[C] Nominal strain at break	- / >50	%	ISO 527
^[C] Charpy notched impact strength, +23°C	- / 12	kJ/m ²	ISO 179/1eA
^[C] Charpy notched impact strength, -30°C	- / 8	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	180 / *	°C	ISO 11357-1/-3

[C]: CAMPUS

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

[C]: CAMPUS

Characteristics**Processing**

Injection Molding, Film Extrusion, Profile Extrusion, Sheet Extrusion, Other Extrusion

Special Characteristics

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

Other text information**Other extrusion****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