

RILSAMID® AESN BLACK T6L

PA12, EHL, 22-010

Rilsamid® AESN BLACK T6L resin is a rigid polyamide. This black colored grade is designed for tube extrusion.

MAIN CHARACTERISTICS

PROPERTIES	DRY / COND	UNIT	TEST STANDARD
Melt Volume-Flow Rate, MVR	8 / *	cm ³ /10min	ISO 1133
Temperature	235 / *	°C	-
Load	5 / *	kg	-
Tensile Modulus	- / 1350	MPa	ISO 527-1/-2
Yield stress	- / 44	MPa	ISO 527-1/-2
Yield strain	- / 5	%	ISO 527-1/-2
Nominal strain at break	- / >50	%	ISO 527-1/-2
Charpy Impact Strength, +23°C	- / N	kJ/m ²	ISO 179/1eU
Charpy Impact Strength, -30°C	- / N	kJ/m ²	ISO 179/1eU
Charpy Notched Impact Strength, +23°C	- / 12	kJ/m ²	ISO 179/1eA
Charpy Notched Impact Strength, -30°C	- / 8	kJ/m ²	ISO 179/1eA
Melting temperature, 10°C/min	180 / *	°C	ISO 11357-1/-3
Density	1010 / 1010	kg/m ³	ISO 1183
Injection Molding, melt temperature	280	°C	ISO 294
Injection Molding, mold temperature	50	°C	ISO 10724
Injection Molding, pressure at hold	16	MPa	ISO 294

Processing

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

Delivery form

Pellets

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

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