RILSAMID®
AESNO P201 TL

Rilsamid® AESNO P201 TL resin is a natural polyamide 12. This grade is plasticized and designed for tube extrusion.
Rilsamid® AESNO P201 TL resin falls into the PA12-PHLY category according to DIN 73378.

PROPERTIES	DRY / COND	UNIT	TEST STANDARD
RHEOLOGICAL PROPERTIES			
Melt Volume-Flow Rate	5 / *	cm³/10min	ISO 1133
Temperature	235 / *	°C	-
	455 / *	°F	
Load	5 / *	kg	-
	11 / *	lb	
MECHANICAL PROPERTIES			
Tensile Modulus	- / 540	MPa	ISO 527-1/-2
	- / 78300	psi	
Yield stress	- / 27	MPa	ISO 527-1/-2
	- / 3920	psi	
Yield strain	- / 28	%	ISO 527-1/-2
Nominal Strain at Break	- / >50	%	ISO 527-1/-2
Shore D Hardness	62 / *	-	ISO 868
Charpy Impact Strength, +23°C	- / No Break	kJ/m²	ISO 179/1eU
Charpy Impact Strength, -30°C	- / No Break	kJ/m²	ISO 179/1eU
Charpy Notched Impact Strength, +23°C	- / No Break	kJ/m²	ISO 179/1eA
Charpy Notched Impact Strength, -30°C	- / 8	kJ/m²	ISO 179/1eA
	- / 3.81	ftlb/in²	
THERMAL PROPERTIES			
Melting Temperature, 10°C/min	176 / *	°C	ISO 11357-1/-3
OTHER PROPERTIES			
Density	1010 / -	kg/m³	ISO 1183
	1.01 / -	g/cm³	

ARKEMA

+135-3858-6433 (GuangDong)
+188-1699-6168 (ShangHai)
+852-6957-5415 (HongKong)

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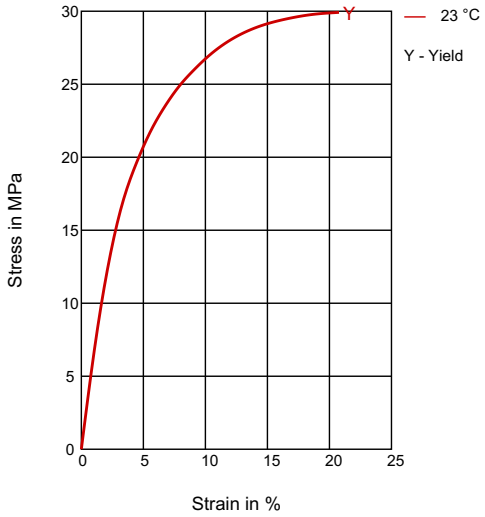
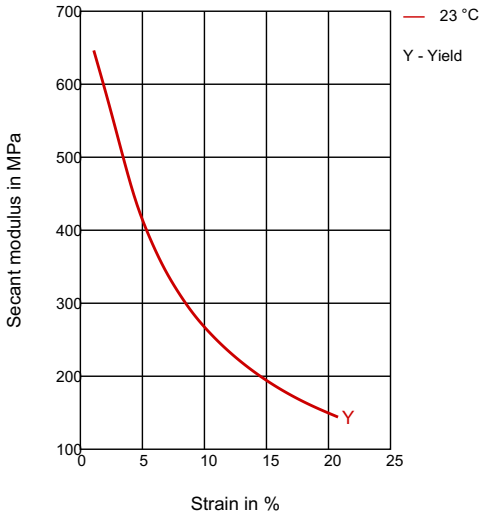
DIAGRAMS

STRESS-STRAIN



SECANT MODULUS-STRAIN



Processing conditions:- Typical melt temperature (Min / Recommended / Max) : 230°C / 250°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

DELIVERY FORM

Pellets

ADDITIVES

Plasticizer

SPECIAL CHARACTERISTICS

Heat Stabilized, Light Stabilized

REGIONAL AVAILABILITY

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

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