

# RILSAMID®

## AESN BLACK P302 TL

PA12-HIP, EHL, 22-004

Rilsamid® AESN BLACK P302 TL树脂 是一种黑色聚酰胺12。该黑色牌号经过增塑，适用于管材挤出。

依据DIN 73378标准，Rilsamid® AESN BLACK P302 TL树脂 属于PA12-HIPHL类别。

性能	干 / 已调节	单位	测试标准
<b>流变性能</b>			
熔体体积流动速度	18 / *	cm³/10min	ISO 1133
温度	235 / *	°C	-
	455 / *	°F	-
载荷	5 / *	kg	-
	11 / *	lb	-
<b>机械性能</b>			
拉伸模量	- / 400	MPa	ISO 527-1/-2
	- / 58000	psi	
屈服应力	- / 25	MPa	ISO 527-1/-2
	- / 3630	psi	
屈服伸长率	- / 26	%	ISO 527-1/-2
名义断裂伸长率	- / >50	%	ISO 527-1/-2
简支梁冲击强度, +23°C	- / 无断裂	kJ/m²	ISO 179/1eU
简支梁冲击强度, -30°C	- / 无断裂	kJ/m²	ISO 179/1eU
简支梁缺口冲击强度, +23°C	- / 无断裂	kJ/m²	ISO 179/1eA
简支梁缺口冲击强度, -30°C	- / 6	kJ/m²	ISO 179/1eA
	- / 2.85	ftlb/in²	
<b>热性能</b>			
熔融温度, 10°C/min	172 / *	°C	ISO 11357-1/-3
<b>其它性能</b>			
密度	1030 / 1030	kg/m³	ISO 1183
	1.03 / 1.03	g/cm³	

Main applications:

Air brake.

Tubing for use in motor vehicles

Packaging:

This grade is delivered dried in sealed packaging (25 kg bags / 550 kg rigid containers) 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) : 200°C / 220°C / 240°C.

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Source: automatically generated TDS from Material Database on 20-02-2024

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- Drying time and temperature (only necessary for bags opened for more than two hours) : 4-6 hours at 80°C.

加工方法 异型材挤出成型, 其它挤出成型	Headquarters: Arkema France 420 rue d'Estienne d'Orves 92705 Colombes Cedex France T +33 (0)1 49 00 80 80 <a href="http://hpp.arkema.com">hpp.arkema.com</a>  Arkema Inc. – High Performance Polymers 900 First Avenue King of Prussia, PA 19406 Tel.: +1 610 205 7000 <a href="http://hpp.arkema.com">hpp.arkema.com</a>
供货形式 粒料	
添加剂 润滑剂, 增塑剂	
特殊性能 热稳定, 光稳定	
地区供应 北美, 欧洲, 亚太, 中南美洲, 中东/非洲	

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