

# RILSAMID®

## AESN BLACK P110 TL

PA12-HI, EHL, 24-010

Rilsamid® AESN BLACK P110 TL树脂 是一种半硬质聚酰胺，具有更高的耐水解性和耐冲击性。

该黑色牌号适用于管材挤出应用。

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	0.4 / *	cm³/10min	ISO 1133
温度	275 / *	°C	-
	527 / *	°F	-
载荷	5 / *	kg	-
	11 / *	lb	-
<b>机械性能</b>			
拉伸模量	- / 1120	MPa	ISO 527-1/-2
	- / 162000	psi	
屈服应力	- / 32	MPa	ISO 527-1/-2
	- / 4640	psi	
屈服伸长率	- / 13	%	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	- / 75	kJ/m²	ISO 179/1eA
	- / 35.7	ftlb/in²	
简支梁缺口冲击强度, -30°C	- / 18	kJ/m²	ISO 179/1eA
	- / 8.56	ftlb/in²	
<b>热性能</b>			
熔融温度, 10°C/min	176 / *	°C	ISO 11357-1/-3
<b>其它性能</b>			
密度	1000 / 1000	kg/m³	ISO 1183
	1 / 1	g/cm³	

Main applications:

- Fuel line
- Tubing for use in motor vehicles

Packaging:

This material is delivered in sealed packaging (800 kg rigid containers) ready to be processed.

Shelf life:

Two years from 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) : 260°C / 270°C / 280°C.
- Drying time and temperature (only necessary for bags opened for more than two hours) : 4-6 hours at 80°C.

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

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异型材挤出成型, 其它挤出成型, 吹塑	
供货形式	
粒料	
添加剂	
润滑剂	
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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