

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
流变性能			
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	-
机械性能			
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	
热性能			
熔融温度, 10°C/min	176 / *	°C	ISO 11357-1/-3
其它性能			
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.

Arkema France - A French "société anonyme", registered in the Nanterre (France) Trade and Companies Register under the number 319 632 790 SDC/11-2018
Source: automatically generated TDS from Material Database on 20-02-2024

RILSAMID[®]

AESN BLACK P110 TL

加工方法	Headquarters: Arkema France 420 rue d'Estienne d'Orves 92705 Colombes Cedex France T +33 (0)1 49 00 80 80 hpp.arkema.com Arkema Inc. – High Performance Polymers 900 First Avenue King of Prussia, PA 19406 Tel.: +1 610 205 7000 hpp.arkema.com
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	

The statements, technical information and recommendations contained herein are believed to be accurate as of the date hereof. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, ARKEMA expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information; NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE CONCERNING THE GOODS DESCRIBED OR THE INFORMATION PROVIDED HEREIN. The information provided herein relates only to the specific product designated and may not be applicable when such product is used in combination with other materials or in any process. The user should thoroughly test any application before commercialization. Nothing contained herein constitutes a license to practice under any patent and it should not be construed as an inducement to infringe any patent and the user is advised to take appropriate steps to be sure that any proposed use of the product will not result in patent infringement.