

RILSAN®

BESN BLACK P210 TL

PA11-HIP, EHL, 22-007

Rilsan® BESN BLACK P210 TL树脂 是一种采用可再生材料制成的聚酰胺11。这种黑色经过增塑，设计用于挤出。

依据DIN 73378标准，Rilsan® BESN BLACK P210 TL树脂 属于PA11-PHLY 类别，并且符合DIN 74324, ISO 7628, NFR 12632和SAEJ844标准中的所有规范要求。

依据ASTM D 6866，可再生碳含量为89%。

性能	干 / 已调节	单位	测试标准
机械性能			
拉伸模量	- / 600	MPa	ISO 527-1/-2
	- / 87000	psi	
屈服应力	- / 32	MPa	ISO 527-1/-2
	- / 4640	psi	
屈服伸长率	- / 31	%	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 / 无断裂	kJ/m²	ISO 179/1eU
简支梁冲击强度, -30°C	无断裂 / 无断裂	kJ/m²	ISO 179/1eU
简支梁缺口冲击强度, +23°C	- / 76	kJ/m²	ISO 179/1eA
	- / 36.2	ftlb/in²	
简支梁缺口冲击强度, -30°C	- / 10	kJ/m²	ISO 179/1eA
	- / 4.76	ftlb/in²	
热性能			
熔融温度, 10°C/min	184 / *	°C	ISO 11357-1/-3
热变形温度, 1.80 MPa	45 / *	°C	ISO 75-1/-2
	113 / *	°F	
热变形温度, 0.45 MPa	110 / *	°C	ISO 75-1/-2
	230 / *	°F	
其它性能			
%Bio-Based	89	-	ASTM D6866
密度	1030 / 1030	kg/m³	ISO 1183
	1.03 / 1.03	g/cm³	

主要应用

—流体运输

—机动车用管路

包装

该牌号出厂时已干燥并密封包装（25公斤袋装），可直接进行加工。

保质期

自发货之日起2年。有关过期使用的任何事宜，请咨询我司技术服务人员。

加工条件：

—推荐熔融温度（最小值/建议值/最大值）：230°C/250°C/280°C。

—干燥时间和温度（只有包装袋打开2小时以上时才有必要干燥）：4-8 小时，80-90°C。

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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 hpp.arkema.com Arkema Inc. – High Performance Polymers 900 First Avenue King of Prussia, PA 19406 Tel.: +1 610 205 7000 hpp.arkema.com
供货形式 粒料	
添加剂 润滑剂, 增塑剂	
特殊性能 生物基, 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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