

RILSAN®

BSR 30

PA11, MHLR, 11-140, CF 30

Rilsan® BSR 30树脂 是一种采用可再生材料制成的聚酰胺11。该牌号为碳纤增强产品，重量轻硬度高，专用于注塑。

依据ASTM D 6866，可再生碳含量为62%。

性能	干 / 已调节	单位	测试标准
流变性能			
熔体体积流动速度	12 / *	cm³/10min	ISO 1133
温度	235 / *	°C	-
	455 / *	°F	-
载荷	5 / *	kg	-
	11 / *	lb	-
模塑收缩率, 平行	0 / *	%	ISO 294-4, 2577
模塑收缩率, 垂直	0.6 / *	%	ISO 294-4, 2577
机械性能			
拉伸模量	- / 16300	MPa	ISO 527-1/-2
	- / 2.36E6	psi	
断裂应力	- / 167	MPa	ISO 527-1/-2
	- / 24200	psi	
断裂伸长率	- / 5	%	ISO 527-1/-2
简支梁缺口冲击强度, +23°C	- / 20	kJ/m²	ISO 179/1eA
	- / 9.51	ftlb/in²	
简支梁缺口冲击强度, -30°C	- / 12	kJ/m²	ISO 179/1eA
	- / 5.71	ftlb/in²	
热性能			
熔融温度, 10°C/min	188 / *	°C	ISO 11357-1/-3
其它性能			
%Bio-Based	62	-	ASTM D6866
密度	1150 / 1150	kg/m³	ISO 1183
	1.15 / 1.15	g/cm³	

主要应用

—快速连接件

包装

该牌号的供货规格为干燥型密封包装（25公斤袋装），可随时加工处理。

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）：260°C/ 275°C/ 290°C。

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—成型温度：70 - 100°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）：4-6小时，80-90°C。

加工方法 注塑	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	
特殊性能 生物基, 导电	
地区供应 北美, 欧洲, 亚太, 中南美洲, 中东/非洲	

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