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℃/ 275℃/ 290℃。

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

RILSAN®
BSR 30

—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

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

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

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.

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