

RILSAN®

BZM 8 O TL

PA11, MHLR, 18-030, GF8

Rilsan® BZM 8 O TL 是一种采用可再生材料制成的玻纤增强聚酰胺11。

该本色牌号设计用于注塑。

性能	干 / 已调节	单位	测试标准
流变性能			
熔体体积流动速度	18 / *	cm³/10min	ISO 1133
温度	235 / *	°C	-
	455 / *	°F	-
载荷	5 / *	kg	-
	11 / *	lb	-
模塑收缩率, 平行	1.1 / *	%	ISO 294-4, 2577
模塑收缩率, 垂直	0.9 / *	%	ISO 294-4, 2577
机械性能			
拉伸模量	- / 2300	MPa	ISO 527-1/-2
	- / 334000	psi	
断裂应力	- / 56	MPa	ISO 527-1/-2
	- / 8120	psi	
断裂伸长率	- / 26	%	ISO 527-1/-2
肖氏硬度D, 15 s	73 / *	-	ISO 868
简支梁冲击强度, +23°C	- / 93	kJ/m²	ISO 179/1eU
	- / 44.2	ftlb/in²	
简支梁冲击强度, -30°C	- / 88	kJ/m²	ISO 179/1eU
	- / 41.9	ftlb/in²	
简支梁缺口冲击强度, +23°C	- / 10	kJ/m²	ISO 179/1eA
	- / 4.76	ftlb/in²	
简支梁缺口冲击强度, -30°C	- / 5	kJ/m²	ISO 179/1eA
	- / 2.38	ftlb/in²	
热性能			
熔融温度, 10°C/min	189 / *	°C	ISO 11357-1/-3
线性热膨胀系数, 平行	60 / *	E-6/K	ISO 11359-1/-2
阻燃等级, 1.5mm厚	HB / *	class	IEC 60695-11-10
测试用试样的厚度	1.6 / *	mm	-
	0.0630 / *	in	-
阻燃等级, 厚度h	HB / *	class	IEC 60695-11-10
测试用试样的厚度	3.2 / *	mm	-
	0.1260 / *	in	-

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

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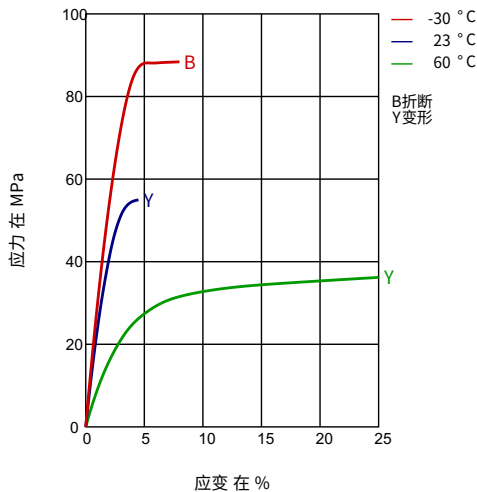
BZM 8 O TL

氧指数	22 / *	%	ISO 4589-1/-2
其它性能			
密度	1070 / 1070	kg/m³	ISO 1183
	1.07 / 1.07	g/cm³	

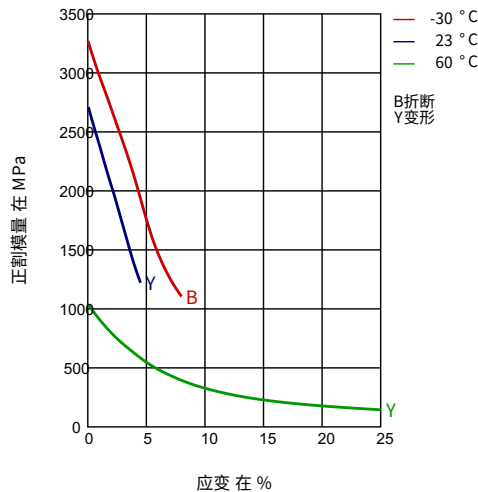
主要应用
 —快速连接件的弹簧
 —外底
 包装
 该牌号的供货规格为干燥型密封包装（25公斤袋装），可随时加工处理。
 保质期
 自发货之日起2年。有关过期使用的任何事宜，请咨询我司技术服务人员。

图表

应力 - 应变.



正割模量 - 应变.



加工条件：

 —推荐熔融温度（最小值/建议值/最大值）：250°C/ 270°C/ 290°C。

 —成型温度：40 - 90°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。

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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
注塑	
供货形式	
粒料	
添加剂	
脱模助剂	Arkema Inc. – High Performance Polymers 900 First Avenue King of Prussia, PA 19406 Tel.: +1 610 205 7000 hpp.arkema.com
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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