

PEBAX[®] RNEW[®] 80R53 SP 02

聚醚嵌段Pebax® Rnew® 80R53 SP 02 树脂
是一种基于可再生材料的、由柔性聚醚和硬质聚酰胺聚合的热塑性塑料弹性体。该SP具有耐热性和耐紫外线性。
依据ASTM D 6866，可再生碳含量为92%。

性能	干 / 已调节	单位	测试标准
机械性能			
拉伸模量	- / 944	MPa	ISO 527-1/-2
	- / 137000	psi	
屈服应力	- / 33	MPa	ISO 527-1/-2
	- / 4790	psi	
屈服伸长率	- / 24	%	ISO 527-1/-2
名义断裂伸长率	- / >50	%	ISO 527-1/-2
肖氏硬度D, 15 s	67 / *	-	ISO 868
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	- / 43	kJ/m²	ISO 179/1eA
	- / 20.5	ftlb/in²	
简支梁缺口冲击强度, -30°C	- / 16	kJ/m²	ISO 179/1eA
	- / 7.61	ftlb/in²	
热性能			
熔融温度, 10°C/min	188 / *	°C	ISO 11357-1/-3
其它性能			
%Bio-Based	92	-	ASTM D6866
吸水性, 23°C, immersion, equilibrium	0.7 / *	%	ISO 62
吸湿性	0.8 / *	%	ISO 62
密度	1020 / 1020	kg/m³	ISO 1183
	1.02 / 1.02	g/cm³	

主要应用

- 滑雪靴
- 专业运动鞋装备

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

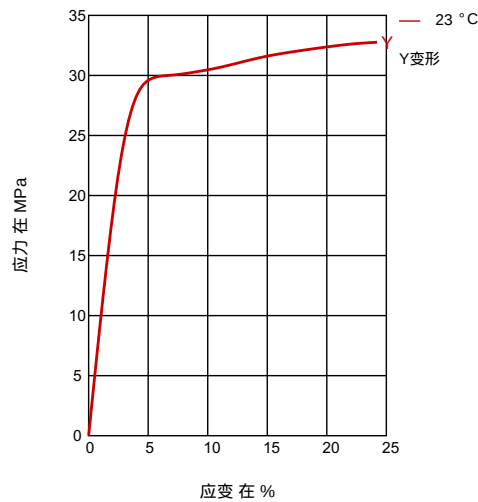
自发货之日起2年。有关过期使用的任何事宜，请咨询我司技术服务人员。

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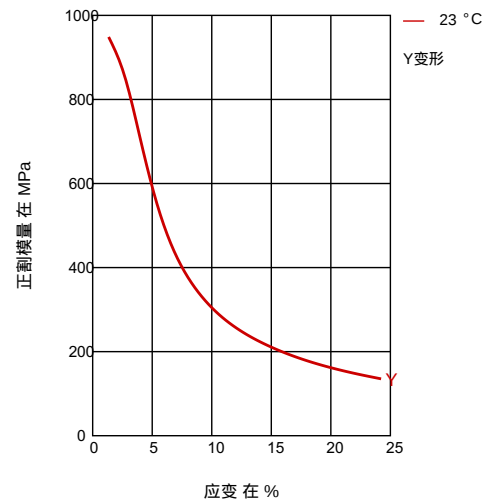
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图表

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）：230°C/ 260°C/ 290°C。
—推荐成型温度：25-60°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）：5-7小时，70-80°C。
加工条件：
—推荐熔融温度（最小值/建议值/最大值）：230°C/ 260°C/ 290°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）：5-7小时，70-80°C。

加工方法

注塑, 其它挤出成型

供货形式

粒料

特殊性能

生物基, 热稳定, 光稳定

地区供应

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