PEBAX®
RNEW® 72R53 SP 01

聚醚嵌段Pebax® Rnew ® 72R53 SP 01 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。

性能	干 / 已调节	单位	测试标准
流变性能			
模塑收缩率, 平行	1.5 / *	%	ISO 294-4, 2577
模塑收缩率, 垂直	1.3 / *	%	ISO 294-4, 2577
机械性能			
拉伸模量	- / 560	MPa	ISO 527-1/-2
	- / 81200	psi	
屈服应力	- / 28	MPa	ISO 527-1/-2
	- / 4060	psi	
屈服伸长率	- / 28	%	ISO 527-1/-2
名义断裂伸长率	- / >50	%	ISO 527-1/-2
断裂应变 TPE	>300 / *	%	ISO 527-1/-2
断裂应力 TPE	55 / *	MPa	ISO 527-1/-2
	7980 / *	psi	
肖氏硬度D, 15 s	65 / *	-	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	- / 无断裂	kJ/m²	ISO 179/1eA
简支梁缺口冲击强度, -30°C	- / 13	kJ/m²	ISO 179/1eA
	- / 6.18	ftlb/in²	
热性能			
熔融温度, 10°C/min	186 / *	°C	ISO 11357-1/-3
其它性能			
吸水性, 23°C, immersion, equilibrium	0.7 / *	%	ISO 62
吸湿性	0.8 / *	%	ISO 62
密度	1030 / 1030	kg/m³	ISO 1183
	1.03 / 1.03	g/cm³	

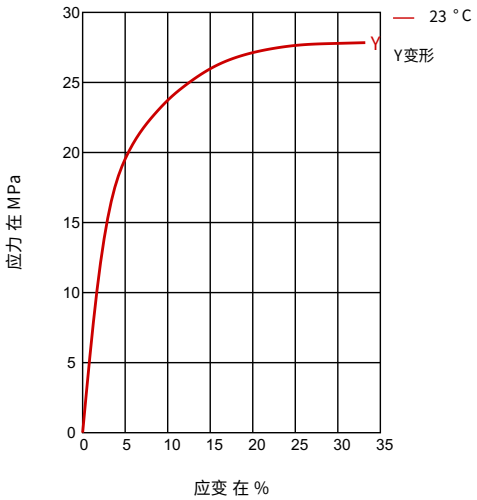
主要应用
——滑雪靴
——专业运动鞋装备
包装
该牌号的供货规格为干燥型密封包装（20公斤袋装），可以随时加工处理。
保质期
自发货之日起2年。有关过期使用的任何事宜，请咨询我司技术服务人员。

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

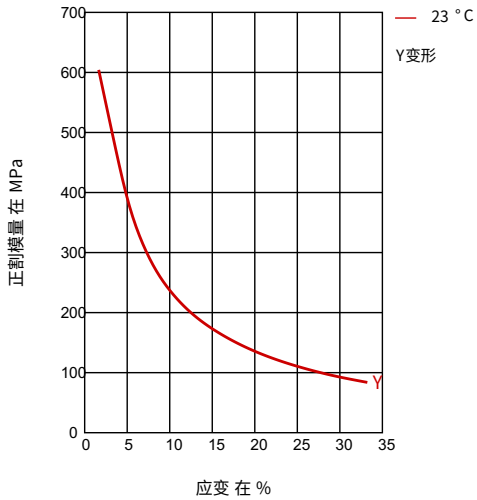
PEBAX®
RNEW® 72R53 SP 01

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℃/ 260℃/ 290℃。
—推荐成型温度：25-60℃。
—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℃。
加工条件：
—推荐熔融温度（最小值/建议值/最大值）：230℃/ 260℃/ 290℃。
—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℃。

加工方法

注塑, 薄膜挤出成型, 异型材挤出成型, 其它挤出成型,
传递模塑成型, 浇铸成型, 热成型

供货形式

粒料

特殊性能

生物基, 热稳定, 光稳定

地区供应

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

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

PEBAX® RNEW® 72R53 SP 01

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