

PEBAX[®]

2533 SA 01 MED

聚醚嵌段酰胺Pebax[®] 2533 SA 01 MED 树脂是一种由柔性聚醚和硬质聚酰胺聚合的热塑性塑料弹性体。该质量最好，专门设计，满足微创器械等严格的医疗应用要求。应要求可提供 USP 第VI 类合规证明书。

性能	干 / 已调节	单位	测试标准
流变性能			
模塑收缩率, 平行	0.4 / *	%	ISO 294-4, 2577
模塑收缩率, 垂直	0.7 / *	%	ISO 294-4, 2577
机械性能			
拉伸模量	12 / 10	MPa	ISO 527-1/-2
	1740 / 1450	psi	
50%伸长率时的应力S	3 / 3	MPa	ISO 527-1/-2
	435 / 435	psi	
断裂伸长率	>50 / >50	%	ISO 527-1/-2
10%应变时的应力	1 / *	MPa	ISO 527-1/-2
	145 / *	psi	
100%应变时的应力	4 / *	MPa	ISO 527-1/-2
	580 / *	psi	
300%应变时的应力	5 / *	MPa	ISO 527-1/-2
	725 / *	psi	
断裂应变 TPE	>300 / *	%	ISO 527-1/-2
断裂应力 TPE	32 / *	MPa	ISO 527-1/-2
	4640 / *	psi	
肖氏硬度A, 15 s	74 / *	-	ISO 868
肖氏硬度D, 15 s	22 / *	-	ISO 868
简支梁冲击强度, +23°C	无断裂 / 无断裂	kJ/m ²	ISO 179/1eU
简支梁冲击强度, -30°C	无断裂 / 无断裂	kJ/m ²	ISO 179/1eU
简支梁缺口冲击强度, +23°C	无断裂 / 无断裂	kJ/m ²	ISO 179/1eA
简支梁缺口冲击强度, -30°C	无断裂 / 无断裂	kJ/m ²	ISO 179/1eA
热性能			
熔融温度, 10°C/min	134 / *	°C	ISO 11357-1/-3
其它性能			
吸水性, 23°C, immersion, equilibrium	1.2 / *	%	ISO 62
吸湿性	0.4 / *	%	ISO 62
密度	1000 / 1000	kg/m ³	ISO 1183
	1 / 1	g/cm ³	

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 12-08-2024

PEBAX[®]

2533 SA 01 MED

主要应用

- 动脉导管
- 柔性注塑部件

包装

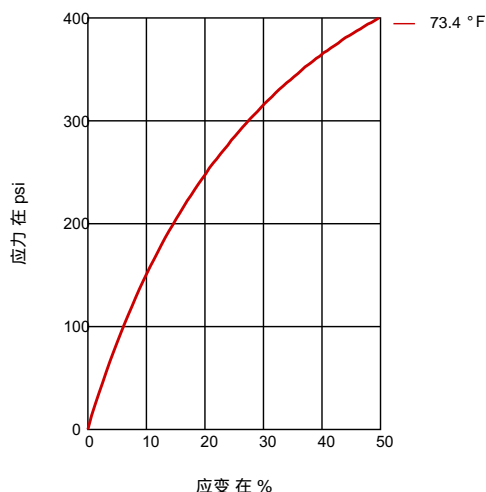
该牌号出厂时已干燥并密封包装（25公斤袋装），可直接进行加工。

保质期

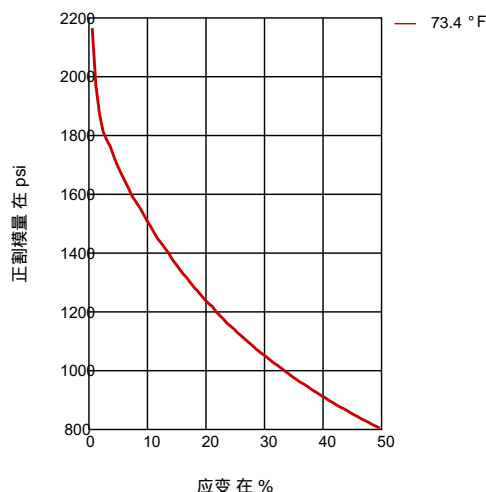
自发货之日起2年。有关过期使用的任何事宜，请咨询我司技术服务人员。

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）：180°C / 210°C / 240°C。

—推荐成型温度：10 - 30°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）：4-8小时，55-65°C。

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 Arkema Inc. – High Performance Polymers 900 First Avenue King of Prussia, PA 19406 Tel.: +1 610 205 7000 hpp.arkema.com
注塑	
供货形式	
粒料	
添加剂	
润滑剂	
特殊性能	
热稳定	
地区供应	
北美, 欧洲, 亚太, 中南美洲, 中东/非洲	

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 12-08-2024

PEBAX[®]

2533 SA 01 MED

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.