

苏州美森无纺科技有限公司
江苏省常熟市支塘镇任阳晋阳西街 125 号

本报告是发布日期为 2022 年 11 月 25 日编号为 SL52215338096701TX 英文检测报告的中文译本。
中英文版本如有歧义时, 以英文版为准。

下列样品由客户提供及确认: -

样品描述 (A)手术服用木浆涤纶水刺无纺布
样品尺寸 1.5m*25m
成份 (A)涤纶/木浆
颜色 (A)蓝色
最终用途 (A)手术服
生产厂商 苏州美森无纺科技有限公司
使用标签 -

检验项目 根据申请者的要求

* * * *

收样日期 2022 年 11 月 07 日

测试周期 2022 年 11 月 14 日-2022 年 11 月 25 日, 2022 年 12 月 07 日

测试结果 检测结果仅对来样负责, 详细的检验结果如下

结论	(A)
顶破强度(干态)	符合
顶破强度(湿态)	符合
拉伸强力(干态)	符合
拉伸强力(湿态)	符合
静水压	符合

备注: 符合=符合 EN 13795-1:2019 标准性能要求

通标标准技术服务(上海)有限公司
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郭郁

郭郁(客户主任)

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检验结果顶破强度(干态)

(EN ISO 13938-1: 2019; 马伦式顶破强度测试仪; 直径 35.7mm)

A

	1#	2#	3#	4#	5#
(kPa)	255	234	234	234	241
中位数 (M _d)	234				
下四分位数 (L _q)	234				

结论: 符合

备注: 参考 EN 13795-1:2019 性能要求

- 1) 手术衣: 标准性能关键区要求: $\geq 40\text{kPa}$;
标准性能非关键区要求: $\geq 40\text{kPa}$;
高性能关键区要求: $\geq 40\text{kPa}$;
高性能非关键区要求: $\geq 40\text{kPa}$;
- 2) 手术单: 标准性能关键区要求: $\geq 40\text{kPa}$;
标准性能非关键区要求: $\geq 40\text{kPa}$;
高性能关键区要求: $\geq 40\text{kPa}$;
高性能非关键区要求: $\geq 40\text{kPa}$.

顶破强度(湿态)

(EN ISO 13938-1: 2019; 马伦式顶破强度测试仪; 直径 35.7mm)

A

	1#	2#	3#	4#	5#
(kPa)	214	220	220	207	200
中位数 (M _d)	214				
下四分位数 (L _q)	207				

结论: 符合

备注: 参考 EN 13795-1:2019 性能要求

- 1) 手术衣: 标准性能关键区要求: $\geq 40\text{kPa}$;
标准性能非关键区要求: 无要求;
高性能关键区要求: $\geq 40\text{kPa}$;
高性能非关键区要求: 无要求;
- 2) 手术单: 标准性能关键区要求: $\geq 40\text{kPa}$;
标准性能非关键区要求: 无要求;
高性能关键区要求: $\geq 40\text{kPa}$;
高性能非关键区要求: 无要求.



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拉伸强力(干态)

(EN 29073-3: 1992; 干态. 夹距: 200mm; 速度: 100mm/min)

A

	1#	2#	3#	4#	5#
纵向 (N)	109.0	113.7	115.6	114.5	106.1
横向 (N)	105.0	98.0	97.3	98.1	81.9
中位值 (M _d)-纵向	113.7				
中位值 (M _d)-横向	98.0				
下四分位数 (L _q)-纵向	109.0				
下四分位数 (L _q)-横向	97.3				

结论: 符合

备注: 参考 EN 13795-1:2019 性能要求

- 1) 手术衣: 标准性能关键区要求: $\geq 20N$;
标准性能非关键区要求: $\geq 20N$;
高性能关键区要求: $\geq 20N$;
高性能非关键区要求: $\geq 20N$;
- 2) 手术单: 标准性能关键区要求: $\geq 15N$;
标准性能非关键区要求: $\geq 15N$;
高性能关键区要求: $\geq 20N$;
高性能非关键区要求: $\geq 20N$.

拉伸强力(湿态)

(EN 29073-3: 1992; 湿态. 夹距: 200mm; 速度: 100mm/min)

A

	1#	2#	3#	4#	5#
纵向 (N)	120.1	126.6	123.5	131.7	125.1
横向 (N)	93.6	104.0	96.4	101.9	102.9
中位值 (M _d)-纵向	125.1				
中位值 (M _d)-横向	101.9				
下四分位数 (L _q)-纵向	123.5				
下四分位数 (L _q)-横向	96.4				

结论: 符合

备注: 参考 EN 13795-1:2019 性能要求

- 1) 手术衣: 标准性能关键区要求: $\geq 20N$;
高性能关键区要求: $\geq 20N$;
- 2) 手术单: 标准性能关键区要求: $\geq 15N$;
高性能关键区要求: $\geq 20N$;



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静水压

(ISO 811: 2018; 压力速率: 10cm/min; 蒸馏水温度: 20°C; 正面对水)

A

	1#	2#	3#	4#	5#
(cmH ₂ O)	>20.0	>20.0	>20.0	>20.0	>20.0
中位值 (M _d)	>20.0				
下四分位数 (L _q)	>20.0				

结论: 符合

备注: 参考 EN 13795-1:2019 性能要求

- 1) 手术衣: 标准性能关键区要求: $\geq 20\text{cmH}_2\text{O}$;
标准性能非关键区要求: $\geq 10\text{cmH}_2\text{O}$;
高性能关键区要求: $\geq 100\text{cmH}_2\text{O}$;
高性能非关键区要求: $\geq 10\text{cmH}_2\text{O}$;
- 2) 手术单: 标准性能关键区要求: $\geq 30\text{cmH}_2\text{O}$;
标准性能非关键区要求: $\geq 10\text{cmH}_2\text{O}$;
高性能关键区要求: $\geq 100\text{cmH}_2\text{O}$;
高性能非关键区要求: $\geq 10\text{cmH}_2\text{O}$.

样品照片

检测报告仅用于客户科研、教学、内部质量控制、产品研发等目的, 仅供内部参考。

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