



Test Report

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委托方/Applicant : 苏州明鑫电子科技有限公司
Suzhou Mingxin Electronic Technology Co., Ltd.

地址/Address : 苏州市吴中区角直镇鸿达路 19 号
NO.19,Hongda Road,Luzhi,Wuzhong District,Suzhou

样品名称/Name of sample : 耐磨护套/ (Resistant Sleeving)

接收日期/Receiving Date : 2021.10.13/Oct. 13, 2021

测试日期/Test Date : 2021.10.14-2021.10.21/Oct. 14, 2021 To Oct. 21, 2021

测试地址/ Test Address : 广东省广州市番禺区大龙街竹山村工业路 47-3
No. 47-3, Industrial Road, Zhushan, Dalong Street, Panyu District, Guangzhou, Guangdong, China

测试方法/Test Method(s) : 见结论/See The Conclusion

测试项目/Testing Item(s) : 见结论/See The Conclusion

判定依据/Decision Basis : 见结论/See The Conclusion

结论/Conclusion : 见结论/See The Conclusion

Signed for and on behalf of
Shenzhen United Testing Technology Co.,Ltd
深圳市优耐检测技术有限公司
授权签名

LiuZe/刘泽
Approved Signatory/批准签署人

Oct. 26, 2021

Issue Date/签发日期



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1、结论/ Conclusion

该样品经过检测，根据检测结果，得出结论如下：

The sample(s) was/were detected and according to the results, the conclusion are as follows:

测试项目 Test Item(s)		检测标准 Testing Standard(s)	判定依据 Decision Basis	结论 Conclusion
章节号 Article	名称 Name			
3	耐磨 Abrasion	ISO 6722-1:2011 5.12.4.2	委托方要求（见本报告3.6节）Applicant's requirement (see this report Section 3.6)	符合 Pass

2、样品信息/Sample information(s)

以下样品信息由委托方提供及确认：

The following information of sample(s) was/were submitted and identified by applicant:

样品数量/ Sample Quantity : 1 个/1pcs

3、测试项目/Test Item: 耐磨/Abrasion

3.1 样品编号/Sample number: 1#

3.2 测试设备/Test equipment:

设备名称 Name of device	型号 Model	校准有效截止日期 Calibration Effective Deadline
防触电探针试验装置 Anti-shock probe test device	GR-CT02	2022.03.02
往复式磨损试验机 Reciprocating abrasion tester	5900	2022.07.21

3.3 实验室温湿度/Laboratory temperature and humidity:

温度 /temperature: 23±5°C; 湿度/humidity: 50±10%RH

3.4 测试标准/Test standard(s): ISO 6722-1:2011 5.12.4.2

3.5 测试条件/Test conditions:

<p>刮针直径: (0.45±0.01) mm 刮针类型: 弹簧线 (抛光的) 材料按 ISO 6931-1:2016 试验频率: 往复 (55±5) mm/min (移动一个来回为一次) 刮针位移: (20±1) mm 刮针长度: (15.5±1) mm 试验载荷: 7N 每件试样应经受 4 次试验, 每次试样被磨穿, 即切割刃触及导体时结束, 记录循环次数。 每次试验后试样应移动 100mm 并顺时针翻转 90°, 每次读数后更换刮针。 Diameter of scraping needle :(0.45±0.01) mm Scraper needle type: spring wire (polished) material according to ISO 6931-1:2016 Test frequency: reciprocating (55±5) mm/min (move a back and forth for a time) Needle scraping displacement :(20±1) mm Length of scraping needle :(15.5±1) mm Test load: 7N Each specimen shall undergo 4 tests, each time the specimen is worn through, that is, when the cutting edge touches the conductor, record the number of cycles. After each test, the sample should be moved 100mm and turned clockwise by 90°, and the scraping needle should be replaced after each reading.</p>
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3.6 判定依据/Decision Basis:

循环 15000 次后, 无划破现象出现
 After circulating 15000 times, no scratch phenomenon appeared



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3.7 测试结果/Test result(s):

样品编号 Sample No.	试验次数 Number of test	循环次数 Cycles	结果评价 The results of evaluation	结果判定 Conclusion
1#	第 1 次 First	15000	循环 15000 次后, 无划破现象出现 After circulating 15000 times, no scratch phenomenon appeared	符合 Pass
	第 2 次 Second	15000	循环 15000 次后, 无划破现象出现 After circulating 15000 times, no scratch phenomenon appeared	符合 Pass
	第 3 次 Third	15000	循环 15000 次后, 无划破现象出现 After circulating 15000 times, no scratch phenomenon appeared	符合 Pass
	第 4 次 Forth	15000	循环 15000 次后, 无划破现象出现 After circulating 15000 times, no scratch phenomenon appeared	符合 Pass


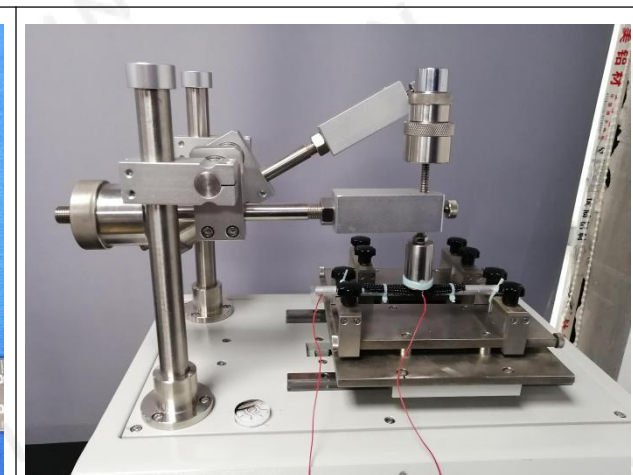
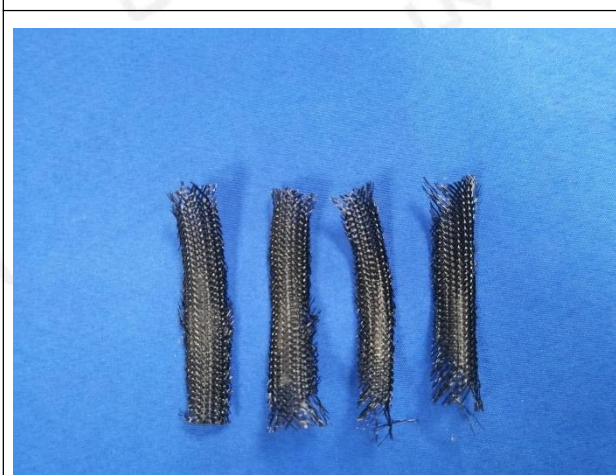
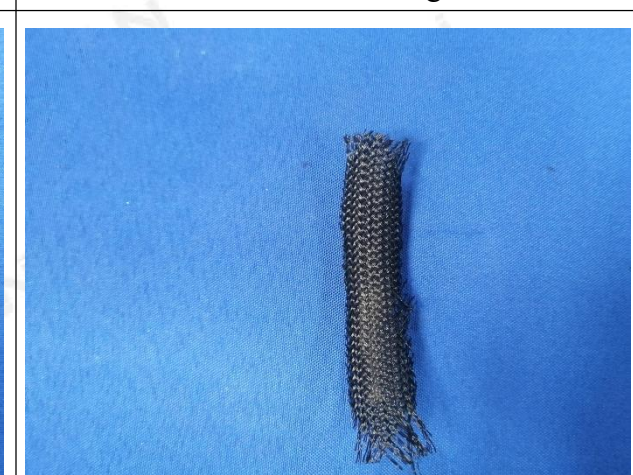
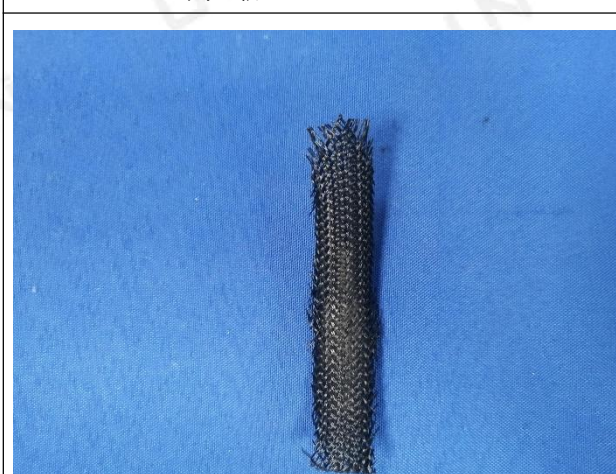
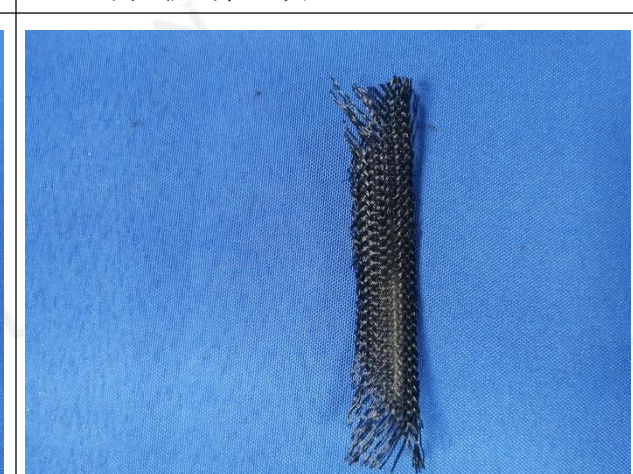
耐刮磨等级 (参考标准 GMW14327-2015) :

Abrasion resistance grade (Reference standard GMW14327-2015) :


耐刮磨等级/Abrasion resistance grade	循环次数/Cycles
1	小于 999 次 Less than 999 times
2	(1000-1999) 次 (1000-1999) times
3	(2000-3999) 次 (2000-3999) times
4	(4000-14999) 次 (4000-14999) times
5	(15000-29999) 次 (15000-29999) times
6	(30000-99999) 次 (30000-99999) times
7	(100000-199999) 次 (100000-199999) times
8	大于 200000 次 More than 200000 times

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3.8 测试照片/Test Photos

	
<p>测试前/Before the test</p>	<p>测试中/In testing</p>
	
<p>测试后/After the test</p>	<p>测试后-第 1 次/After the test-First</p>
	
<p>测试后-第 2 次/After the test-Second</p>	<p>测试后-第 3 次/After the test-Third</p>

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	<p style="text-align: center;">/</p>
<p>测试后-第 4 次/After the test-Forth</p>	<p style="text-align: center;">/</p>

样品图片仅用于告知委托方本实验室收到并测试的样品如图中所示，并不对委托方的产品的外观和品质等有证明作用。

Sample pictures are only used to inform the applicant that the samples received and tested in our laboratory are shown in the picture, and do not prove the appearance and quality of the applicant 's products.

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