

## 检测报告

编号: SDHL1809022383FT-01

日期: 2018-10-23

页码: 第 1 页 共 9 页

中山市松林家具有限公司

中山市三角镇沙栏村三鑫路金鲤工业区 B 区 105 号

以下测试之样品是由申请者所提供及确认:

产品名称 : 特力屋松林高背扶手全网椅  
 供应商型号/货号 : 14215162  
 购买商号码 : 3405631  
 生产厂家 : 松林家具  
 到样日期 : 2018-09-26  
 检验日期 : 2018-09-28 至 2018-10-23

### 检测结果总结

检测依据	结果
特力屋办公椅 SPEC 规范	符合 (见备注 1)
<b>概要:</b> 1. 结果是基于进行了测试并下了判定的条款; 2. 如果了解检测结果的细节, 请查看下述的检测结果页。	

通标标准技术服务有限公司

顺德分公司

授权代表签署

汪国琴

汪国琴

批准签署人



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# 检测报告

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页码: 第 2 页 共 9 页

## 检测和结果

### 检测依据:

特力屋办公椅 SPEC 规范。

样品数量: 2 件。如果了解更多的样品信息和图片, 请查看下述的样品信息页。

测试条款	测试方法	要求	判定
<b>4、结构</b>			
承载最大重量		同左	在 300 kg 压力下未见损坏。
剪切挤压点	在承重下的正常使用过程中易接触区域不能产生可接触到的剪切挤压点。(7mm-18mm)	同左	符合
孔洞及间隙	使用过程中易接触的管状部件, 孔洞和间隙用 7mm 或 12mm 的测试棒可以在任何方向以不超过 30N 的力推入超过 10mm 的深度并且在反方向以最大 30N 的力不能拔出的则应该被覆盖。	同左	符合
边和角	与使用者直接接触的椅面, 靠背和扶手的边缘应是圆弧状或斜面状。其它可接触的边缘应无毛刺或尖边。管状金属的末端应当被盖住或者是闭合状态, 并且光滑。	同左	符合
调节装置	能造成伤害的移动和调节部件应该避免使用, 座位上的人应该能够进行简单的调节。	同左	符合
污染	所有的润滑部件都在正常使用过程中不应被使用者触摸到。	同左	符合
基座	如果有滑轮, 那么所有滑轮的结构必须相同。	同左	符合
气压棒的调节装置	能够调节顺畅。	同左	符合
座位	能够倾斜/旋转顺畅。	同左	符合
底部的脚轮	能够移动顺畅。	同左	符合
平稳	在水平面上应保持平稳。	同左	符合
气味	应没有刺激性气味及恶臭。	同左	符合
组装	产品必须能按照说明书简单的组装并且没有严重的组装困难发生。	同左	符合
适用性测试	座椅升降/旋转/倾斜/锁定等可调节机构, 各来回操作 10 次。	测试中应操作顺滑, 无明显使用缺陷。	符合
干擦测试 (只针对纺织品)	用干净柔软的白布擦拭椅子表面, 擦拭 15 次, 每秒一次。不脱色。	同左	见结果 1 按 AATCC 8-2016 测试并评级



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测试条款	测试方法	要求	判定
湿擦测试 (只针对纺织品)	用干净柔软的带有轻微潮湿的白布擦拭椅子表面, 擦拭 15 次, 每秒一次, 不脱色。	同左	见结果 1 按 AATCC 8-2016 测试并评级
<b>5、包装</b>			
包装外箱	1 套/外箱, 5 层瓦楞纸箱, 产品及外箱需干净完整不可破损、脏污, 箱屑不可残留。	同左	未测试
唛头	参考附件	同左	未测试
产品说明书/组装说明书	参考附件	同左	未测试
产品零件包装	气压棒及金属底盘使用纸盒包装; 坐垫/椅背/扶手以透明 Polybag 包装	同左	未测试
<b>6、标签/印刷</b>			
外箱	logo 正确、清晰不得明显歪斜, 印刷良好, 符合确认样品		未测试
标示	商品标示法: 成品与包装上标示应符合商品标示法 1. 商品名称 2. 制造商(或委制商)之名称、地址、电话及商品原产地; 属进口商品者, 并应标示进口商名称、电话及地址。 3. 主要材质或成份。 4. 商品净重、容量、数量或是尺寸等法定度量衡单位。 5. 国历或公历制造日期。但有时效性者, 应加注有效日期或有效期间。 6. 其他依中央主管机关规定, 应行标示之事项。 7. 商品外包装需标示安全荷重		未测试
<b>7、性能/测试</b> (标示功能、法规要求、顾客&消费者实际使用观点、相关标章、专利……) <b>安全规定</b> (食品安全、食品卫生、符合环保、有机、健康、其他要求……)			
向前倾倒 CNS 15341 第 7.1.2 节	以稳定性载重之方式,施加垂直作用力 F1(600N), 作用在距椅座载重承载结构之前缘 60mm, 最可能倾倒的那些点上, 在椅座表面垂直作用力施加之点,施加水平向外的力 F2(20N)至少 5 秒。	椅子不能发生倾倒现象	符合




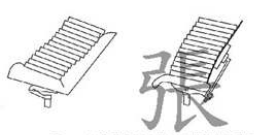
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测试条款	测试方法	要求	判定
有扶手座椅偏斜倾倒 CNS 15341 第 7.1.5 节	<p>以稳定性载重之方式,施加垂直作用力 <math>F_1(250N)</math>, 作用在支撑点的侧边,椅座前后之支撑中心在线距离 100mm 之点,以及椅座后缘向前载 175mm 与 250mm 之间, 施加垂直作用力 <math>F_2(350N)</math>,作用在与制动的支撑点相同侧的扶手, 由扶手上层表面外缘朝内最大 40mm,且沿其长向最相对位置的点上, 另由相同点朝外施加水平偏移向外的力 <math>F_3(20N)</math>至少 5 秒。</p>  <p>圖中 A 椅座載重點 <math>F_1</math> 垂直作用力 <math>F_2</math> 垂直向下作用力 <math>F_3</math> 水平偏斜作用力</p> <p>圖 11 有扶手座椅偏斜傾倒試驗示意圖</p>	椅子不能发生倾倒现象	符合
靠背可倾斜座椅向后倾倒 CNS 15341 第 7.1.7 节	<p>将座椅升到最高位置。将 13 个测试盘牢固的放置在椅面上并且要紧靠住椅子靠背的轮廓。如果测试盘堆积的高度超过了椅背的高度, 使用轻的棒子或其它支撑物以防止较高的测试盘滑落。</p>  <p>圖 13 靠背可傾斜座椅向後傾倒試驗示意圖</p>	椅子不能发生倾倒现象	符合
靠背不可倾斜座椅向后倾倒 CNS 15341 第 7.1.6 节	<p>将座椅升到最高位置。在椅面载入点上垂直载入 <math>F_1(600N)</math>的力。施加一个水平向后 <math>F_2(192N)</math>的力在靠背上 (椅面向上 300mm 处) 至少 5 秒。</p>	椅子不能发生倾倒现象	符合

测试条款	测试方法	要求	判定
合并座椅与椅背静态荷重 CNS 15341 第 7.2.2 节	<p>椅面静载测试: 将座椅升到最高位置。垂直向下施加 <math>F_1(1600N)</math> 的力在指定位置(距离椅面/靠背结合处 180mm 的点, 及距离座面前缘 100mm 处)各操作 10 次每次 10 秒。</p> <p>靠背静载测试: 将座椅升到最高位置。在椅面上均匀载入平衡的力。在椅子靠背上施加于之水平的力 <math>F_2(560N)</math> 在靠背的指定位置(椅面向上 300mm 处)操作 10 次每次 10 秒。应无破坏或其它缺陷。装有椅座/椅背角度变动锁定装置之座椅, 首先应在装置锁定下测试一半的循环次数, 然后在装置未锁定下测试另一办的循环次数。首先一半的循环次数椅背应在竖直位置。</p>  <p>图 14 合并椅座与椅背静态载重试验示意图</p>	测试后不得有结构上及零件损坏或是丧失其功能性	符合
椅面冲击测试 BIFMA X5.1-2011 section 8.4.1	冲击沙袋底面直径约为 400mm。冲击高度 152mm, 冲击重量 102kg, 冲击 1 次。如座位可调, 最高和最低位置各冲击 1 次。	测试后无结构性破坏及明显变形	符合
扶手向下静态荷重-中央 CNS 15341 第 7.2.4 节	<p>将座椅降到最低位置。在一个扶手中间施加于之垂直向下的力 900N 操作 5 次每次 10 秒, 如果在测试中椅子发生倾斜, 在座面的相对边施加平衡块。</p>  <p>图 15 扶手向下静态载重试验示意图-中央</p> <p>固定扶手 900N T 字扶/可调扶手 700N</p>	测试后不得有结构上及零件损坏或是丧失其功能性	符合 (可调扶手 700N)




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扶手侧边静载测试 CNS 15341 第 7.2.4 节	<p>将座椅降到最低位置。在两个扶手上施加于之平行向外的力 400N, 施加在扶手的最薄弱位置, 且距离扶手结构外端至少 75mm 处, 测试在两个扶手上进行共 10 次每次 10 秒。</p>  <p>图中 F 向外水平作用力</p> <p>图 17 扶手侧边静载测试示意图</p> <p>固定扶手 400N T 字扶/可调扶手 350N</p>	测试后不得有结构上及零件损坏或是丧失其功能性	符合  (可调扶手 350N)
坠落测试 CNS 15336 section 7.4 节 level 2	坠落高度 150mm, 10 度, 10 次	测试后无丧失产品的性能和明显缺陷发生	符合
椅脚静压荷重	<p>依据特力内部要求</p> <p>A. 施加负载的荷重维持一分钟</p> <p>B. 再重复上述测试一次。</p> <p>尼龙 909KG 金属 800KG</p>	测试后无丧失产品的性能和明显缺陷发生 (出厂前测试报告)	符合  (尼龙 909KG)
木材含水率	木材含水率应 $\leq 15\%$ 。	同左	不适用



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结果 1 (SGS 参考号: SL918192723932TX):

要求

### 摩擦色牢度 (AATCC 8-2016)

干擦	4.0	/
湿擦	4.5	/

备注: 灰卡评级为 1 至 5 级, 1 级为最差, 5 级为最好。

### 样品图片



图 1

### 备注:

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### 样品信息和图片

重量: 18.70 kg

外形尺寸: 705 mm 长 x 725 mm 宽 x 1145~1235 mm 高

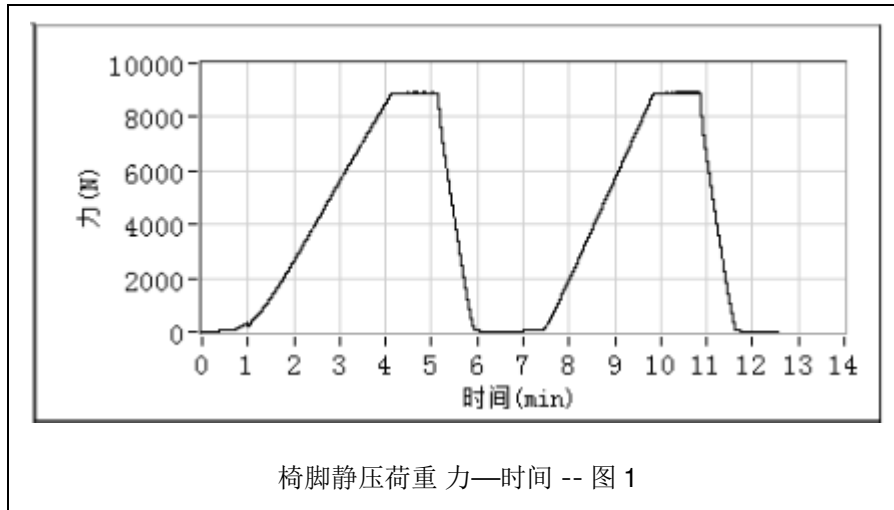
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### 样品图片





### 测试细节图片



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