

测试报告

编号 : SHIN190501489CCM_CN

日期 : 2019-06-13

页码 : 1 of 7

客户名称: 福建燧塑光电科技有限公司
客户地址: 福建省龙岩市武平县工业园区 D02

样品名称 : 聚碳酸酯空心板
产品规格 : Yeesoo®multi 2/10-11

以上信息及样品由客户提供及确认, SGS 不承担证实客户提供信息的准确性、适当性和(或)完整性的责任。

测试要求 : 请见下页
测试方法 : 请见下页
SGS 相关号 : IN-SH-CP-5627-19093
收样日期 : 2019-05-24
测试开始时间 : 2019-05-24
测试结束时间 : 2019-06-13
测试结果 : 请见下页 (除另有特别说明外, 此报告结果仅对测试样品负责)

通标标准技术服务(上海)有限公司
授权签名

刘莉

授权签字人



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结果总结:

序号	测试项目	测试方法	结果	结论
1	外观	EN 16153:2013 第 4.1 节	见结果	合格
2	尺寸和单位面积质量及其偏差	EN 16153:2013 第 5.1 节	见结果	合格
3	小硬体冲击测试	EN 16153:2013 第 5.5 节 & EN ISO 6603-1:2000	见结果	合格
4	形变特征	EN 16153:2013 第 5.6.3 节 & EN ISO 899-2:2003	见结果	/

备注: 合格: 达到要求
 不合格: 未达到要求
 /: 不下判定

原样照片:



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1. 测试项目: 外观

测试方法: EN 16153:2013 第 4.1 节

测试条件:

试样: 300mm×2100mm×10.3mm, 1 片

实验室环境条件: 23±2℃, 50±5%RH

测试结果:

测试项目	测试结果	要求	结论
外观	板材表面平整光滑。无划痕、痕迹或其他大于 4mm ² 缺陷。无明显气泡、夹杂、裂纹、凹陷。	板材表面应平整光滑。无划痕、痕迹或其他大于 4mm ² 缺陷。无明显气泡、夹杂、裂纹、凹陷。	合格



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2. 测试项目: 尺寸和单位面积质量及其偏差

测试方法: EN 16153:2013 第 5.1 节

测试条件:

试样 1: 300mm×2100mm×10.3mm, 3 片

试样 2: 150mm×2100mm×10.3mm, 3 片

试样 1: 150mm×400mm×10.3mm, 3 片

客户声称尺寸: 300mm×2100mm×10mm (长×宽×厚)

客户声称单位面积质量: 1700 g/m²

实验室环境条件: 23±2℃, 50±5%RH



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测试结果:

测试项目	测试结果					要求	结论
整体厚度(mm)	10.32	10.32	10.36	1.37	10.39	10±0.5	合格
	10.47	10.31	10.37	10.3	10.25		
	10.27	10.44	10.37	10.38	10.38		
	10.36	10.35	10.34	10.35	10.31		
	10.27	10.25	10.36	10.33	10.37		
	10.37	10.32	10.33	10.28	10.25		
单位面积质量(g/m ²)	1640		1630		1620	≥1700×0.95	合格
单位面积质量变化(g/m ²)	1650	1640	1620	1580	1610	1620±97.2	合格
板材长度(mm)	301.03		300.36		300.22	300~312	合格
板材宽度(mm)	2099		2099		2099	2098~2106	合格
正方度 (mm)	0		1		1	≤10.5	合格
壁厚和内部特征厚度(mm)	0.52		0.54		0.54	-	/
板面长度平整度 (mm/m)	最大值: 1.5					≤5	合格
板面宽度平整度 (mm/m)	最大值: 2					≤5	合格
方直度(mm/m)	最大值: 0.5					≤5	合格
侧面弯曲(mm/m)	最大值: 2.5					≤5	合格

备注: 测试从原样中截取。



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3. 测试项目: 小硬体冲击测试

测试方法: EN 16153:2013 第 5.5 节& EN ISO 6603-1:2000

测试条件:

试样: 300mm×300mm×10.3mm, 10 片

冲击高度: 1000mm

冲击质量: 250g

实验室环境条件: 23±2℃, 50±5%RH

测试结果:

测试项目	测试结果	要求	结论
小硬体冲击测试	无裂纹, 无断裂	无裂纹, 无断裂	合格

备注: 测试从原样中截取。



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4. 测试项目: 形变特征-蠕变行为

测试方法: EN 16153:2013 第 5.6.3 节 & EN ISO 899-2:2003

测试条件:

试样: 220mm×80mm×10.3mm, 20 片 (每个方向 10pcs)

跨距 L_x : 200mm

跨距 L_{y1} : 125mm

跨距 L_{y2} : 200mm

测试速率 V_x : 6.8mm/min

测试速率 V_{y1} : 2.7mm/min

测试速率 V_{y2} : 6.8mm/min

实验室环境条件: 23±2°C, 50±5%RH

测试结果:

测试项目		测试结果					
		单个值					平均值
形变特征-蠕变 行为	$B_x(Nm^2/m)$	57.3	56.8	55.4	53.4	58.7	55.4
		52.0	57.4	56.4	51.5	55.3	
	$B_y(Nm^2/m)$	85.0	79.0	50.0	54.9	39.5	56.5
		68.7	36.7	54.3	45.4	51.5	
	$S_y(N/m)$	1.73	1.89	1.79	1.98	2.02	1.94
		1.88	2.10	1.94	2.07	2.01	

备注: 测试从原样中截取。

该检测报告为由 SGS 发布的原检测报告 编号: SHIN190501489CCM 日期: 2019-06-13 的中文译本, 本报告仅供参考。

***** 报告结束*****

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