

## Heat Transfer Wash Test Report

Requested By 申请人 : Cherry Jiang-T3	Report No 报告编号: PY25480177
Create Date 创建日期: 2025-11-07 10:39:05	Requested Date 申请日期: 2025-11-07 10:39:05

### Information 测试相关信息:

Master Customer 客户: New Balance

Team 需求部门: CS

Contact Person 联系人: murphy.wu@ap.averydennison.com

Vendor 供应商/工厂: THONG THAI

Item Number 项目编号: NB24-MLHORIZONTAL-Grey Matter / GREY MATTER-COLORO-017-79-00

Item Quality 产品分类: AG

Fabric Composition 测试布成份: 77% Recycled Polyester, 23% Spandex      Fabric Ref 布号: TEI80032-6MFX2 /

Fabric Color 测试布颜色: HERON BLUE-COLORO-117-47-13

Remark 备注: pls bond on Back Side side

### Bonding Condition 烫压条件

Bonder 烫压机型: Insta #718

Bonded by 烫压地点: ADPY

Temp 烫压温度: 160 C

Applied Pressure 压力: 1.5 kg/cm2

Dwell time 烫压停滞时间: 10 sec

Peeling method 撕开方式: Cold Peel (16sec or more)

Remark 备注:

### Washing Condition 洗水条件

Washing Temp 洗涤温度: 40 (Machine Wash Warm)

Washing Remark 备注: 5/10 cycles, for Appeal Non-football. (1. No need to dry between cycles, tumble dry after washing 5/10 cycles directly. 2.ISO 6330, 4N)

Test method 测试项目: 1.Washing test (ISO 6330,4N)+2.Colorfastness to dye transfer in storage( AATCC 163 Option 1

Modification,70 C, 48 Hrs) +3. stretch test (Hand stretch)+4. Colorfastness to crocking (ISO 105 X 12), no need indicate color staining by external cause “

### Test result 测试结果:

测试项目 Test item	结果通过 Pass	结果失败 Fail	不适用 NA	评论 Comment
washing test	PASS			Bonding Mark;Carrier Mark
Colorfastness To Dye Transfer In Storage	PASS			
Stretch Test	PASS			
Colorfastness To Crocking	PASS			

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测试项目 Test item: Washing Test

测试条件 Test condition	For Apparel Non-football: Appearance after washing: $40 \pm 3^{\circ}$ C, 30 mins/cycle, Tumble Dry Low.		
要求 Requirement	Colour Change: 3.5, Colour Stain: 3.5; Appearance: Adherence and Surface Appearance; No noticeable peel off/damage, including wrinkles/cracking on the surface of embellishment		
洗涤次数 Cycle(s)	样品颜色 Color change	洗后外观 Appearance of washed sample	result
Sample control	NA	Bonding Mark; Carrier Mark	PASS
5cycles	4-5	Bonding Mark; Carrier Mark	PASS
10cycles	4-5	Bonding Mark; Carrier Mark	PASS
Others	5' 10' : Color staining: 4-5		
结论 (Conclusion)	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL <input type="checkbox"/> NA		

测试项目 Test item: Colorfastness To Dye Transfer In Storage

测试条件 Test condition	For Apparel Non-football: AATCC 163 Option 1 Modification (Do not wet adjacent white fabric and multi-fiber fabric): Place the Perspirometer with test sample into the drying cabinet at $70 \pm 2^{\circ}$ C for 48 hours.							
要求 Requirement	Color change: 4.0 (Color change of label will be as evaluation standard (not including color change of glue edge)); Color staining: 4.0 Self staining: 4.5 (only for reference, not as evaluation standard)							
样品变色等级 Color change	白棉布沾色 Color staining on white fabric	自身沾色 Self-staining	醋酸纤维 Acetate	棉 Cotton	尼龙 Nylon	涤纶 Polyester	腈纶 Acrylic	羊毛 wool
4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5
Others	N/A							
结论 (Conclusion)	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL <input type="checkbox"/> NA							

测试项目 Test item: Stretch Test

测试条件 Test condition	Hand stretch (RB method): grip the design a min of 2.5-4.0 cm from the graphic edge and pull in a uniform rate. The specimen should be stretch 3 times at 10% by hand after washing.
要求 Requirement	Note any changes in the test report, preferably include pictures.
外观 Appearance	No appearance defect
结论 (Conclusion)	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL <input type="checkbox"/> NA

测试项目 Test item: Colorfastness To Crocking

测试条件	ISO 105 X12 Rub the specimen to and fro over the straight track for 10
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Test condition	complete cycles at a rate of 1 second for each cycle		
要求 Requirement	Dry:4 Wet:3		
Dry Staining 干摩擦沾色	4-5	Wet Staining 湿摩擦沾色	4-5
外观 Appearance			
结论 (Conclusion)	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL <input type="checkbox"/> NA		

\*\*\* End of Report \*\*\*