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Contact	Isobel Parr

TEST REPORT: TN 384945

Identification	Two samples of stuffable one size covers with pads	
Order No	Not Stated	
Date Received : 2'	7 February 08	Date Issued: 07 March 08

Sample No	Description	Stated Composition	Care Label	End Use	Quality
1	Stuffable One Size Velcro with Pad Colour: Blue	Outer: Polyurethane polyester Lining 100% Polyester	60°C (1 Bar) Low Tumble	Cover	Not Stated
2	Stuffable One Size Poppers with Pad Colour: Pink	Outer: Polyurethane polyester Lining 100% Polyester	60°C (1 Bar) Low Tumble	Cover	Not Stated

Method	Test	Performance Code ²	Pass/Fail ²
Long-Tail	Colour Fastness to Rubbing - sample 1	Reusable Nappies	Pass
Long-Tail	Colour Fastness to Rubbing - sample 2	Reusable Nappies	Pass
Long-Tail	Product Cleanse - sample 1	Reusable Nappies	Fail
Long-Tail	Product Cleanse - sample 2	Reusable Nappies	Fail
Long-Tail	Security of Attachments - sample 2	Reusable Nappies	Pass
Long-Tail	Determination of Resistance of water Penetration - sample 1	Reusable Nappies	Pass
Long-Tail	Determination of Resistance of Water Penetration - sample 2	Reusable Nappies	Pass
British Standard	Fibre Composition - sample 1	N/A	N/A
British Standard	Fibre Composition - sample 2	N/A	N/A



RESULTS

Long-Tail Method Of Test

<u>Colour Fastness to Rubbing</u>: BS EN ISO 105–X12: 1995 Tested in accordance with the Long-Tail performance standard

	Staining on cotton lawn				
	<u>D</u> :	<u>ry</u>	$\underline{\mathbf{W}}$	Wet	
	<u>Warp</u>	Weft	<u>Warp</u>	Weft	
Sample 1	4-5	4-5	4-5	4-5	
Sample 2	4-5	4-5	4-5	4-5	

Product Cleanse: MTM1: 2005: 2A @ 60°C Low Tumble Dry

Tested in accordance with the Long-Tail performance standard

Sample 1	
Nappy	<u>Assessment</u>
Cross Staining	4-5
Shade Change	Blue 4-5. White 4
Spirality	None apparent
Fraying Of Fabric/Trims	Not Frayed
Detachment Of Fastenings/Trims	Not Detached
Pilling / Fuzzing Of Surface Fibres	4-5
Differential Shrinkage	No Changes Observed.
Unravelling / Breaks In Stitching	No unravelling / breaks observed
Other Changes	None observed

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<u>Liner</u>	
Cross Staining	4-5
Shade Change	4-5
Spirality	None apparent
Fraying Of Fabric/Trims	Has occurred around edges of nappy liner
Detachment Of Fastenings/Trims	Not Detached
Pilling / Fuzzing Of Surface Fibres	4-5
Differential Shrinkage	No Changes Observed.
Unravelling / Breaks In Stitching	No unravelling / breaks observed
Other Changes	None observed



Sample 2 Nappy

Cross Staining

Shade Change Spirality

Fraying Of Fabric/Trims

Pilling / Fuzzing Of Surface Fibres

Differential Shrinkage

Unravelling / Breaks In Stitching

Other Changes

Liner

Cross Staining Shade Change Spirality

Fraying Of Fabric/Trims

Detachment Of Fastenings / Trims Pilling / Fuzzing Of Surface Fibres

Differential Shrinkage

Unravelling / Breaks In Stitching

Other Changes

Assessment

4-5

4

None apparent

Has occurred to nappy liner edges

4-5

No Changes Observed. No unravelling / breaks observed

None observed

4-5

4 – 5 All Colours None apparent

Not Frayed

Not Detached

4-5

No Changes Observed.

No unravelling / breaks observed

None observed

Security of Fastenings and Adornments: BS EN 71 Part 1: 2005

Tested in accordance with the Long-Tail performance standard

Female Popper Load Required to Detach (N)

All specimens tested achieved the target load 90N

No breakdown occurred.

Male Popper Load Required to Detach (N)

All specimens tested achieved the target load 90N No breakdown occurred.

<u>Determination of Resistance of Water Penetration – Hydrostatic Pressure Test:</u>

BS EN 20811: 1992 ISO 811:1981

Tested in accordance with the Long-Tail test method manual

Note: Deviation from test procedure: Sampling in accordance with customer requirement.

Testing was carried out in a Standard Temperate atmosphere

The water pressure was applied from below the test specimen.

The water pressure was increased at 60.0 cm water/min.

The Inner to Outer of the fabric was tested.

Sample 1	<u>Description Area</u>	Centimetres of Water	<u>kPa</u>
<u>1</u>	Blue No Inner Soaker	>1000	98.0
<u>2</u>	Blue With Inner Soaker	>1000	98.0
Sample 2			
<u>1</u>	Pink No Inner Soaker	>1000	98.0
2	Pink With Inner Soaker	>1000	98.0



British Standard Method Of Test

Fibre Identification

Specimens of the fibre were removed from the yarns of the fabric and examined using chemical and microscopic techniques. The fibres were found to be:

Sample 1

Outer 100% Polyester

Middle 100% Polyester laminated to*

Lining 100% Polyester

Stuffable Pad 100% Polyester

Sample 2

Outer 100% Polyester

Middle 100% Polyester laminated to*

Lining 100% Polyester

Identification of Plastic Materials

Specimens of the plastic material were examined using FT - IR. The plastic material was found to be:

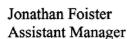
Sample 1

Middle *Polyurethane

Sample 2

Middle *Polyurethane

The above Plastic Material analysis was tested on our behalf by an independent UKAS approved laboratory.



Posse

