

Geflechtfabrik Tressa AG
Markus Fischbach
Alte Bahnhofstraße 27
CH-5612 Villmergen
SWITZERLAND

Fürth, 28.01.2013

Test report No. FUTX1301012

Analysis of a material sample according to GB18401 Type A (Infant Products)

Arrival in lab: 16.01.2013; Period of analysis: 16.01. – 28.01.2013

Lab Director: Kerstin Scharrer

General note: Copying this test report partially is permitted only in agreement with the contracted lab. The tests results refer only to the tested item.
This report consists of 3 pages.

Remark: The sample quantities of yarns and labels are usually insufficient for testing. So it might happen that positive results could not be detected. If this is not acceptable for the client, these parts shall be provided in adequate amounts (minimum 5 –10 g).
The test method signed with * is not listed in the attachment of the accreditation certificate.

**subcontracting

Sample description: Article-No. 64739 black (for infants)



- Test results see next pages -

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Comment:

n.d. = not determinable

CS = combined sample

1. Fibre analysis

Test method: FZ/T 01057.1 ~ 4-200**

Test result	100% polyester
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2. pH-value

Test method: GB/T 7573-2009, KCL**

Test result	5.7
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3. Formaldehyde content in mg/kg

Test method: GB/T 2912.1-2009**

Limit of quantification: 20 mg/kg

Test result	n.d.
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4. Presence of odor

Test method: GB 18401-2010 Section 6.7**

Test result	odorless
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5. Colour fastness to rubbing as received

Test method: GB/T 3920-2008**

Test result dry	4-5
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6. Colour fastness to perspiration

Test method: GB/T 3922-1995**

	acid	alkaline
Colour change	4-5	4-5
Colour staining cotton	4-5	4-5
Colour staining polyester	4-5	4-5

7. Colour fastness to water

Test method: GB/T 5713-1997**

Colour change	4-5
Colour staining cotton	4-5
Colour staining polyester	4-5

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8. Colour fastness to saliva

Test method: GB/T 18886**

Colour change	4-5
Colour staining cotton	4-5
Colour staining polyester	4-5

9. Detection of Amines in Dyestuff

Test method: As per GB18401-2010, GB/T23344-2009 was used, detected by gas chromatographic-mass spectrometric (GC-MS) Or high performance liquid chromatographic analysis

Limit of quantification: 5 mg/kg

Substances	Test result
4-Aminobiphenyl	n.d.
Benzidine	n.d.
4-Chlor-o-toluidine	n.d.
2-Naphthylamine	n.d.
o-Aminoazotoluene	n.d.
2-Amino-4-nitrotoluene	n.d.
p-Chloraniline	n.d.
2,4-Diaminoanisole	n.d.
4,4'-Diaminodiphenylmethane	n.d.
3,3'-Dichlorbenzidine	n.d.
3,3'-Dimethoxybenzidine	n.d.
3,3'-Dimethylbenzidine	n.d.
3,3'-Dimethyl-4,4'-diaminodiphenylmethane	n.d.
p-Cresidine	n.d.
4,4'-Methylene-bis-(2-chloraniline)	n.d.
4,4'-Oxydianiline	n.d.
4,4'-Thiodianiline	n.d.
o-Toluidine	n.d.
2,4-Toluylenediamine	n.d.
2,4,5-Trimethylaniline	n.d.
o-Anisidine	n.d.
p-Aminoazobenzene	n.d.
2,4 Xylidine	n.d.
2,6 Xylidine	n.d.

Intertek Consumer Goods GmbH

Prüfleitung / Lab Manager

□ A. Breunig, □ B. Dannhorn, □ A. Durmaz, □ K. Grönhardt,
□ C. List, □ D. Löw, □ M. Neumeister, □ Dr. N. Schneider, □ K. Scharrer, □ M. Tutsch