

12. October 2015

SC/vca/LC/sm

Test Report No. 15.0.70065

(=15.HCN.70065 ZN)

Applicant	: Foshan Ruixin Nonwoven Co., Ltd. Hongxing Cun Industrial Zone, Guanyao Nanhai District 528237 Foshan City, Guangdong Province CHINA, P.R.
Date of order	: 9/9/2015
Reference no. or contact person	: Ms May Wu Tel: +86 757 85806388 Email: rayson@raysonchina.com
Receipt of order	: 9/17/2015
Receipt of material	: 9/17/2015
Receipt of further information	: 9/15/2015 Payment in advance
Details of order	: Certification of textile products with the label "Confidence in textiles – Tested for harmful substances according to Oeko-Tex® Standard 100"

Der Prüfbericht umfasst 5 Seiten. / The test report comprises 5 pages.

Die Akkreditierung gilt für die in der Urkunde aufgeführten Prüfverfahren - im Bericht mit * gekennzeichnet.
The accreditation applies for the test methods listed in the certificate - marked * in the report.



DAkkS
Deutsche
Akkreditierungsstelle
D-PL-14277-01

DAkkS
Deutsche
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D-IS-14277-01



Consumer
Product Safety
Commission
(CSPC)
Identifikations-
nummer 1060
Identification
number 1060



Gründungsmitglied der
Internationalen Gemeinschaft für
Forschung und Prüfung auf dem
Gebiet Textilökologie (OEKO-TEX®
Standard 100)

Our terms of business shall apply:
www.hohenstein.de/pdf/agb_e.pdf

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VAT REG No.
DE262079343

Hohenstein Textile Testing Institute GmbH & Co. KG • Court of Registration County Stuttgart HRA 723464 •
personally liable associate: Hohenstein Verwaltungs GmbH HRB 752904 •
company headquarter is Boennigheim • Managing Director: Dr. Stefan Droste

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The application for certification was submitted using the relevant forms issued for this purpose.

The applicant enclosed the declaration of conformity.

The originals of all necessary documents have been signed with a legally binding signature.

The orderer confirmed that no biological active product is used.

Further the orderer confirmed that no flame retardant product is used.

The application was made for the following article group:

Nonwoven spunbond fabrics made of 100 % polypropylene in white.

The four product categories specified in Oeko-Tex® Standard 100 are described as follows:

Product-class	Definition
I	Products for babies Products for babies in context with this standard are all articles, basic materials and accessories, which are provided for the production of articles for babies and children up to 36 months with the exception of leather clothing.
II	Products with direct contact to skin Skin contact articles are those which are worn with a large part of their surface in direct contact with the skin (e.g. blouses, shirts, underwear etc.).
III	Products without direct contact to skin No skin contact articles are those which are worn with only a little part of their surface in direct contact with the skin (e.g. Stuffings, linings etc.).
IV	Decoration material Decoration material in context with this standard are all articles including initial products and accessories which are used for decoration such as table clothes, wall coverings, furnishing fabrics and curtains, upholstery fabrics and floor coverings.

According to the information provided by the orderer and to the specified area of use, product class II is applicable.

The test material named below was submitted for testing.

Serial No.	Description of article or material	Additional information					Material composition
		Quality	Article No.	Colour No.	Design	Colour	
1	nonwoven	spunbond				white	PP

If only parts of certain articles were included in the tests, only these parts are named in the list of materials.

Test Result/s

Tests were carried out in accordance with Oeko-Tex® Standard 100.

The test results are given in the charts below.

Note: n.d. = not detectable (below quantification limit)

sample	pH			
1 nonwoven white	6,0			
limit values acc. to Oeko-Tex® Standard 100	product class I 4,0 – 7,5	product class II 4,0 – 7,5	product class III 4,0 – 9,0	product class IV 4,0 – 9,0

sample	formaldehyde in mg/kg (ppm)			
1 nonwoven white	n.d.			
limit values acc. to Oeko-Tex® Standard 100	product class I n.d.	product class II 75	product class III 300	product class IV 300

Note:

According to Japanese Law 112 "n.d." corresponds with an absorption unit < 0,05 respectively < 16 ppm.

sample	extractable heavy metals in mg/kg (ppm)								
	Sb antimony	As arsenic	Pb lead	Cd cadmium	Cr chromium	Co cobalt	Cu copper	Ni nickel	Hg mercury
1 nonwoven white	< 4	< 0,05	< 0,05	< 0,05	< 0,1	< 0,1	< 4	< 0,1	< 0,01
limit values acc. to Oeko-Tex® Standard 100									
product class I	30	0,2	0,2	0,1	1,0	1,0	25,0 ³	1,0 ⁴	0,02
product class II	30	1,0	1,0 ¹	0,1	2,0	4,0	50,0 ³	4,0 ⁵	0,02
product class III	30	1,0	1,0 ¹	0,1	2,0	4,0	50,0 ³	4,0 ⁵	0,02
product class IV	--	1,0	1,0 ¹	0,1	2,0 ²	4,0	50,0 ³	4,0 ⁵	0,02

Notes:

A Test after mechanical ageing (EN 12472)

¹ No requirement for accessories made from glass

² For leather articles 10 mg/kg

³ No requirement for accessories made from inorganic materials

⁴ For metallic accessories and metallized surfaces: 0,5 mg/kg

⁵ For metallic accessories and metallized surfaces: 1,0 mg/kg

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sample	phenols in mg/kg (ppm)			
	pentachlorophenol (PCP)	tetrachlorophenols (TeCP)	trichlorophenols (TrCP)	o-phenylphenol (OPP)
1 nonwoven white	n.d.	n.d.	n.d.	n.d.
limit values acc. to Oeko-Tex® Standard 100 product class I	0,05	sum isomers 0,05	sum isomers 0,2	50
product class II - IV	0,50	sum isomers 0,50	sum isomers 2,0	100

sample	organo tin compounds in mg/kg (ppm)			
	TBT	TPhT	DBT	DOT
1 nonwoven white	n.d.	n.d.	n.d.	n.d.
limit values acc. to Oeko-Tex® Standard 100 product class I	0,5	0,5	1,0	1,0
product class II - IV	1,0	1,0	2,0	2,0

sample	polycyclic aromatic hydrocarbons (PAH) in mg/kg (ppm)		
		product class I	product class II-IV
1 nonwoven white	n.d.		
limit values acc. to Oeko-Tex® Standard 100	Benzo[a]pyrene	0,5	1,0
	Benzo[e]pyrene	0,5	1,0
	Benzo[a]anthracene	0,5	1,0
	Chrysene	0,5	1,0
	Benzo[b]fluoranthene	0,5	1,0
	Benzo[j]fluoranthene	0,5	1,0
	Benzo[k]fluoranthene	0,5	1,0
	Dibenzo[a,h]anthracene	0,5	1,0
	and sum of all 24 PAH:	5,0	10,0

sample	Nonylphenol, Octylphenol and specific Alkylphenoethoxylates in mg/kg (ppm)	
	NP / OP	NP / OP / NP (EO) ₁₋₂₀ / OP (EO) ₁₋₂₀
1 nonwoven white	n.d.	n.d.
limit values acc. to Oeko-Tex® Standard 100 product class I - IV	sum 10,0	sum 100,0

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sample	odour test
1	n.d.
limit value acc. to Oeko-Tex® Standard 100	product class I–IV no abnormal odour

Conclusion

The material for which the certification was applied fulfils the specific requirements for product class II of Oeko-Tex® Standard 100.

It is representative of the article group for which an application for certification was made.

The certification of the following article group is approved:

Nonwoven spunbond fabrics made of 100 % polypropylene in white.

Each holder of certificate has signed for the quality of his articles on his own responsibility. This is in accordance with the given declaration of conformity. He is committed to ensure this by suitable and sufficient spot checks. This commitment includes the quality of bought materials, too. In the case of delegating parts of this quality assurance to others the certifying body must be fully acquainted (see point 4 "Conformity declaration").

Oeko-Tex® is authorized to carry out spot checks in order to inspect the certified goods. The certificate holder will receive a separate test report with the results of these inspections.

If the spot checks reveal a deviation from the limit values, additional tests will have to be carried out. The relevant costs will be charged to the certificate holder.

The actual version of Oeko-Tex® Standard 100 is edition 01/2015. It can be downloaded directly from the Oeko-Tex® Homepage (<http://www.oeko-tex.com>).

Managing Director



Dr. Stefan Droste



Head of Department Oeko-Tex®



Dipl.-Ing. (FH) Elisabeth Weisheit

(This document carries an electronic signature. The electronic signatures in this report are equal to a personal signature and therefore legally binding)