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Berzaruna str., 36-1, ap.37
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RUSSIAN FEDERATION

Hohenstein Textile Testing Institute GmbH & Co. KG

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Our ref.
Ho /AR/ChSc

Date
18. December 2018

Report No. 18.0.56145

(= 14.HRU.49765 ZV4)

Applicant: Radugatextile
Berzaruna str., 36-1, ap.37
127273 Moscow
RUSSIAN FEDERATION

Date of order: 10/05/2018

Contact person: Mr Anton Rutskaa
Tel: +7 9166 3474 44
Email: anton_r@radugatextile.ru

Receipt of order: 10/24/2018

Receipt of material: 10/24/2018

Receipt of further information: 11/09/2018 Information that Siberia Slim should be included

Details of order: Renewal of the certificate for textile products with the label
“OEKO-TEX® Confidence In Textiles – STANDARD 100 – Tested for harmful substances Appendix 4”

**Master no.
(First certification):** 14.HRU.49765

The report comprises 7 pages.

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 · County Court Stuttgart HRA 723464
Personally liable associate: Hohenstein Verwaltungs GmbH · County Court Stuttgart HRB 752904
CEO: Dr. Stefan Droste · Company Headquarter is Bönnigheim

For technical reasons, the Institute will allocate a new test number to each order for the renewal of a certificate. The renewed certificate will always be issued under the master number indicated in the first certification. The master number in brackets will be suffixed to the current test number of this expertise and will serve to identify the relevant product. The additional designation "ZV" with a number indicates the number of times the certificate has been renewed.

The application for renewal of the certificate 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.

Information is provided regarding following changes:

· Including Siberia Slim.

The copy/copies of Oeko-Tex® certificate/s (13.HRU.19974) for the products in use was/were enclosed with the application. The certificate/s was/were valid at the date of application for certification.

The application was made for the following article group:

Thermally bonded non-woven made of polyester fibres, partly covered with non-woven and sewing thread made of polyester, all in white, trade name Siberia Classic, Siberia Micro, Siberia Velvet, Siberia Husky, Siberia Drops, Siberia Super Drops, Siberia Pooh and Siberia Slim, partly with antistatic finish, produced by using materials certified according to STANDARD 100 by OEKO-TEX®.

The four product categories specified in STANDARD 100 by OEKO-TEX® 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.
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 I 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	non-woven, thermally bonded, antistatic finished, covered with thin non-woven and sewing thread		producer Nipromtex			white	PES
2	non-woven, thermally bonded, antistatic finished	Siberia Drops	producer Raduga Textile			white	PES
3	non-woven, thermally bonded, antistatic finished	Siberia Super Drops	producer Raduga Textile			white	PES
4	non-woven, thermally bonded, antistatic finished	Siberia Pooh	producer Raduga Textile			white	PES
5	non-woven, thermally bonded, antistatic finished	Siberia Slim	producer Nipromtex			white	PES

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 STANDARD 100 by OEKO-TEX® Appendix 4.

The test results are given in the charts below.

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

sample	pH								
1 non-woven, thermally bonded, antistatic finished, covered with thin non-woven and sewing thread white	5,7								
3 non-woven, thermally bonded, antistatic finished white	5,3								
limit values acc. to STANDARD 100 by OEKO-TEX®	<table border="0" style="width: 100%; text-align: center;"> <tr> <td>product class I</td> <td>product class II</td> <td>product class III</td> <td>product class IV</td> </tr> <tr> <td>4,0 – 7,5</td> <td>4,0 – 7,5</td> <td>4,0 – 9,0</td> <td>4,0 – 9,0</td> </tr> </table>	product class I	product class II	product class III	product class IV	4,0 – 7,5	4,0 – 7,5	4,0 – 9,0	4,0 – 9,0
product class I	product class II	product class III	product class IV						
4,0 – 7,5	4,0 – 7,5	4,0 – 9,0	4,0 – 9,0						

sample		formaldehyde in mg/kg (ppm)			
1	non-woven, thermally bonded, antistatic finished, covered with thin non-woven and sewing thread white	n.d.			
4	non-woven, thermally bonded, antistatic finished white	n.d.			
5	non-woven, thermally bonded, antistatic finished white	n.d.			
limit values acc. to STANDARD 100 by OEKO-TEX®		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	non-woven, thermally bonded, antistatic finished, covered with thin non-woven and sewing thread white	6	< 0,1	< 0,1	< 0,05	< 0,1	< 0,1	< 4	< 0,1	< 0,01
3	non-woven, thermally bonded, antistatic finished white	< 4	< 0,1	< 0,1	< 0,05	< 0,1	< 0,1	< 4	< 0,1	< 0,01
limit values acc. to STANDARD 100 by OEKO-TEX® Appendix 4										
product class I		30	0,2	0,2	0,1	1,0	1,0	25,0 ²	1,0 ³	0,02
product class II		30	1,0	1,0 ¹	0,1	2,0	4,0	50,0 ²	4,0 ⁴	0,02
product class III		30	1,0	1,0 ¹	0,1	2,0	4,0	50,0 ²	4,0 ⁴	0,02
product class IV		--	1,0	1,0 ¹	0,1	2,0	4,0	50,0 ²	4,0 ⁴	0,02

Notes:

A Test after mechanical ageing (EN 12472)

¹ No requirement for accessories made from glass

² No requirement for accessories and yarns made from inorganic materials, respecting the requirements regarding biological active products.

³ For metallic accessories and metallized surfaces: 0,5 mg/kg

⁴ For metallic accessories and metallized surfaces: 1,0 mg/kg

sample		phenol and chlorinated phenols in mg/kg (ppm)	
1	non-woven, thermally bonded, antistatic finished, covered with thin non-woven and sewing thread white	n.d.	
2	non-woven, thermally bonded, antistatic finished white	n.d.	
limit values acc. to STANDARD 100 by OEKO-TEX® Appendix 4		product class I	product class II-IV
		Pentachlorophenol (PCP)	0,05
		Tetrachlorophenols (TeCP)	0,05 ¹
		Trichlorophenols (TrCP)	0,20 ¹
		Dichlorophenols (DCP)	0,50 ¹
		Monochlorophenols (MCP)	0,50 ¹
		o-Phenylphenol (OPP)	10
		Phenol	20

Notes:

¹ sum of isomers

sample		quinoline in mg/kg (ppm)
composite sample		n.d.
1	non-woven, thermally bonded, antistatic finished, covered with thin non-woven and sewing thread white	
4	non-woven, thermally bonded, antistatic finished white	
limit values acc. to STANDARD 100 by OEKO-TEX®		under observation

sample		chlorinated benzenes and toluenes in mg/kg (ppm)
3	non-woven, thermally bonded, antistatic finished white	n.d.
limit value acc. to STANDARD 100 by OEKO-TEX®		product class I - IV sum 1,0

sample	polycyclic aromatic hydrocarbons (PAH) in mg/kg (ppm)		
composite sample 1 non-woven, thermally bonded, antistatic finished, covered with thin non-woven and sewing thread white 4 non-woven, thermally bonded, antistatic finished white	n.d.		
limit values acc. to STANDARD 100 by OEKO-TEX® Appendix 4		product class I	product class II-IV
	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 / HpP / PeP	NP / OP / HpP / PeP / NP (EO) / OP (EO)
1 non-woven, thermally bonded, antistatic finished, covered with thin non-woven and sewing thread white	n.d.	n.d.
2 non-woven, thermally bonded, antistatic finished white	n.d.	n.d.
limit values acc. to STANDARD 100 by OEKO-TEX® Appendix 4 product class I - IV	sum <10,0	sum <100,0

sample	odour test
1 - 5	n.d.
limit value acc. to STANDARD 100 by OEKO-TEX®	product class I-IV no abnormal odour

CONCLUSION

The material for which the certification was applied fulfils the specific requirements for product class I of STANDARD 100 by OEKO-TEX® Appendix 4.

The certification of the following article group is approved:

Thermally bonded non-woven made of polyester fibres, partly covered with non-woven and sewing thread made of polyester, all in white, trade name Siberia Classic, Siberia Micro, Siberia Velvet, Siberia Husky, Siberia Drops, Siberia Super Drops, Siberia Pooh and Siberia Slim, partly with antistatic finish, produced by using materials certified according to STANDARD 100 by OEKO-TEX®.

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 applicant is responsible for checking the validity of the certificates issued to his suppliers.

If the term of validity of these certificates expires within the term of validity of the applicant's certificate, he is obliged to request updated or extended certificates from his suppliers.

Copies of updated certificates from suppliers should be presented as proof and for documentation purposes under the test number of the applicant's certificate.

The actual version of STANDARD 100 by OEKO-TEX® is edition 01/2018. It can be downloaded directly from the Oeko-Tex® Homepage (<http://www.oeko-tex.com>).

Division Manager Oeko-Tex®



Dipl.-Ing. (FH) Elisabeth Panian



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M.Sc. Valerie Maier

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