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Data Sheet for the Belcoro Certification

The Guide to Belcoro Certification contains basic information on the conditions and procedures connected with the Belcoro Certification and the subsequent licensing. This data sheet now is the instrument by means of which you will be able to bring the information of the guide into effect. Please indicate in this data sheet the complete information required to enable us to deal with your certification quickly and efficiently. Incomplete information would cause delays in our handling the matter. The examples contained in the Guide to Belcoro Certification are meant to indicate to you which data have to be entered in each field. This information will have no bearing on the certification procedure itself. The tests conducted by you should be within the quality ranges specified in the Belcoro Standards so that your test results can be used as advance information for the tests carried out by the Oerlikon Schlafhorst TexLab. On completion of the TexLab tests, you will receive a comprehensive report and analysis of your test data and the interpretation and assessment by the Oerlikon Schlafhorst TexLab.

1. Information about the licensee

Name of company: _____

Contact person: _____

Address: _____

Telephone number: _____

Telefax number: _____

E-mail address: _____

Registration number (where it exists): _____

Date of the licence application: _____

Product (description / labelling): Yarn Fabric

2. Certification of Autocoro Yarns

2.1 Information on the fibre material used for the Belcoro yarn to be certificated

Information	Example	Details of product
Type of material:	<u>PES/CO</u>	_____
Blend ratio:	<u>50/50%</u>	_____
Country of origin:	<u>CO: USA</u>	_____
	<u>PES: USA</u>	_____
Variety / name:	<u>CO: Upland</u>	_____
	<u>PES: Fortrel</u>	_____
Fibre length [HVI, Mean Length (mm)]:	<u>CO: 21 mm</u>	_____
[Single fibre length (mm)]:	<u>PES: 38 mm</u>	_____
Fibre fineness [MIC]:	<u>CO: 4,3 MIC</u>	_____
	<u>PES: 1,0 dtex</u>	_____

2.2 Information on the machine settings used for the production of the Belcoro yarn to be certificated

Information	Example	Details of product
Yarn fineness [tex / Ne / Nm]:	<u>15 tex</u>	_____
Sliver count [ktex / Ne / Nm]:	<u>4,0 ktex</u>	_____
Yarn twist [α_{tex} / α_e / α_m]:	<u>am 125</u>	_____
Rotor type:	<u>T331BD</u>	_____
Rotor speed [r.p.m.]:	<u>106.000</u>	_____
Opening roller type:	<u>S21DN</u>	_____
Opening roller speed [r.p.m.]:	<u>8.750</u>	_____
Navel type:	<u>K6</u>	_____
Torque Stop type:	<u>30/3 white</u>	_____

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Spinbox: SE 11 _____

Intended application of yarn: Weaving yarn _____

warp/weft _____

2.3 Results of the tests on the Belcoro yarn carried out at the applicant's testing laboratory

As set out in Article 3 «Test conditions» of the Guide to Belcoro Certification, the yarn has to be tested by the company applying for a Belcoro licence.

Information	Example	Details of product
Labelling of sample packages:	<u>Sample 1</u>	_____
Yarn fineness [tex /Ne /Nm]:	<u>14.7 tex</u>	_____
Breaking tenacity [cN / tex]:	<u>14.3</u>	_____
Breaking elongation [%]:	<u>7.4</u>	_____
Yarn irregularity CV [%]:	<u>16.3</u>	_____
Thin places (-50%) [/ 1.000 m]:	<u>122</u>	_____
Thick places (+50%) [/ 1.000 m]:	<u>158</u>	_____
Neps (+280%) [/ 1.000 m]:	<u>149</u>	_____

3. Certification of textile fabrics

3.1 Information on the fibre material used for the production of the Belcoro textile to be certificated

Information	Example	Details of product
Direction in the fabric	<u>Warp</u>	_____
Type of material:	<u>PES/CO</u>	_____
Blend ratio:	<u>50/50%</u>	_____
Country of origin:	<u>CO: USA</u>	_____
	<u>PES: USA</u>	_____

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Variety / name: CO: Upland _____
PES: Fortrel _____

3.2 Details of the Autocoro yarn contained in the fabric to be certificated

Information	Example	Details of product
Labelling of the fabric:	<u>Sample 1</u>	_____
Colour:	<u>Green</u>	_____
Direction in the fabric:	<u>Warp</u>	_____
Yarn fineness [tex /Ne /Nm]:	<u>15 tex</u>	_____
Yarn twist [α_{tex} / α_e / α_m]:	<u>am 125</u>	_____

3.3 Details of the fabric containing the Autocoro yarn

Information	Example	Details of product
Description of the fabric:	<u>Shirting</u>	_____
Yarn density		_____
No. of wales [/ cm]:		_____
No. of stitch courses [/ cm]:		_____
No. of warp threads [/ cm]:	<u>42 Fd/cm</u>	_____
No. of weft threads [/ cm]:	<u>29 Fd/cm</u>	_____
Fabric structure		_____
Construction:		_____
Weave:	<u>Plain weave</u>	_____
Mass per unit area [g/m ²]:	<u>114 g/m²</u>	_____

3.4 Results of the tests on the Belcoro textile carried out at applicant's testing laboratory

As set out in Article 3 «Test conditions» of the Guide to Belcoro Certification, the fabrics have to be tested by the company applying for a Belcoro licence.

Information	Example	Details of product
Labelling of the sample:	<u>Sample 1</u>	_____
Colour:	<u>Green</u>	_____
Colour fastness (acc. to care labelling)	<u>Colour // WO/ PAN PES/PA/CO/AC</u>	_____
Fastness to perspiration, acid:	<u>5// 5/ 5/ 5/ 5/ 5</u>	_____
Fastness to perspiration, alkaline:	<u>5// 5/ 5/ 5/ 5/ 5</u>	_____
Fastness to laundering:	<u>5// 5/ 5/ 5/ 5/ 5</u>	_____
Rubbing fastness, dry:	<u>Warp: 5 // Weft:5</u>	_____
Rubbing fastness, wet:	<u>Warp: 5 // Weft:5</u>	_____
Dimensional stability (acc. to care labelling)		_____
Lengthwise / warpwise:	<u>Maximum -3%</u>	_____
Crosswise / weftwise:	<u>Maximum -2,5%</u>	_____
Abrasion resistance:	<u>10.000 revs.</u>	_____
Pilling tendency:	<u>Rating 4</u>	_____

Notes: _____

