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Prot. N. 1425

Page 1 of 6

TEST REPORT n. 795ter/11

**Errata Corrige and Addition of our TR 795bis/11 Prot n. 1414 of 29/07/2011
Napoli, 01/08/2011**

Customer: Conceria Centomo srl
Via Arzignano, 5
36072 Chiampo (VI)

Sample: leather

Mark: articolo mercurio colore c 777

Date of reception: 06/07/11

Date of application: 06/07/11

Date of test performance: From 06/07/11 to 01/08/2011

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TEST REPORT n. 795TER/11

Mark: articolo mercurio colore c 777
Sample: Leather
Sampling: According to UNI EN ISO 2418

Test Item	Test Method	Unit	Value
Colour Fastness to Artificial Light (2)	UNI EN ISO 105-B02	Grade	3-4
Double Edge Tear Load	UNI EN ISO 3377-2	N	221,3
Parallel Double Edge Tear Load (3)	UNI EN ISO 3377-2	N	201,7
Perpendicular Double Edge Tear Load (3)	UNI EN ISO 3377-2	N	241,0
Average Thickness	UNI EN ISO 2589	mm	1,9
Change in Color to dry to-and-fro Rubbing grain side	UNI EN ISO 11640	Cycles/Grade	50 / 4-5
Staining to dry to-and-fro Rubbing grain side	UNI EN ISO 11640	Cycles/Grade	50 / 4-5
Surface Physical Effects to dry to-and-fro Rubbing grain side	UNI EN ISO 11640	Cycles/V.O.	50 / Brightness
Change in Color to wet to-and-fro Rubbing grain side	UNI EN ISO 11640	Cycles/Grade	20 / 4
Staining to wet to-and-fro Rubbing grain side	UNI EN ISO 11640	Cycles/Grade	20/ 1-2
Surface Physical Effects to wet to-and-fro Rubbing grain side	UNI EN ISO 11640	Cycles/V.O.	20 / None
Staining of Filament Acetate to Alkaline Perspiration (4)	UNI EN ISO 11641	Side/Grade	Grain / 5
Staining of Bleached Cotton to Alkaline Perspiration (4)	UNI EN ISO 11641	Side/Grade	Grain / 5
Staining of Polyamide to Alkaline Perspiration (4)	UNI EN ISO 11641	Side/Grade	Grain / 5
Staining of Spun Polyester to Alkaline Perspiration (4)	UNI EN ISO 11641	Side/Grade	Grain / 5
Staining of Polyacrylic to Alkaline Perspiration (4)	UNI EN ISO 11641	Side/Grade	Grain / 5
Staining of Worsted Wool to Alkaline Perspiration (4)	UNI EN ISO 11641	Side/Grade	Grain / 5
Staining of Filament Acetate to Alkaline Perspiration (4)	UNI EN ISO 11641	Side/Grade	Flesh / 5
Staining of Bleached Cotton to Alkaline Perspiration (4)	UNI EN ISO 11641	Side/Grade	Flesh / 4-5
Staining of Polyamide to Alkaline Perspiration (4)	UNI EN ISO 11641	Side/Grade	Flesh / 5



Test Item	Test Method	Unit	Value
Staining of Spun Polyester to Alkaline Perspiration (4)	UNI EN ISO 11641	Side/Grade	Flesh / 5
Staining of Polyacrylic to Alkaline Perspiration (4)	UNI EN ISO 11641	Side/Grade	Flesh / 5
Staining of Worsted Wool to Alkaline Perspiration (4)	UNI EN ISO 11641	Side/Grade	Flesh / 5
Staining of Filament Acetate to Water on grain side (4)	UNI EN ISO 11642	Grade	5
Staining of Bleached Cotton to Water on grain side (4)	UNI EN ISO 11642	Grade	5
Staining of Polyamide to Water on grain side (4)	UNI EN ISO 11642	Grade	5
Staining of Spun Polyester to Water on grain side (4)	UNI EN ISO 11642	Grade	5
Staining of Polyacrylic to Water on grain side (4)	UNI EN ISO 11642	Grade	5
Staining of Worsted Wool to Water on grain side (4)	UNI EN ISO 11642	Grade	5
Staining of Filament Acetate to Water flesh side (4)	UNI EN ISO 11642	Grade	5
Staining of Bleached Cotton to Water flesh side (4)	UNI EN ISO 11642	Grade	4-5
Staining of Polyamide to Water flesh side (4)	UNI EN ISO 11642	Grade	5
Staining of Spun Polyester to Water flesh side (4)	UNI EN ISO 11642	Grade	5
Staining of Polyacrylic to Water flesh side (4)	UNI EN ISO 11642	Grade	4-5
Staining of Worsted Wool to Water flesh side (4)	UNI EN ISO 11642	Grade	5
Staining of Filament Acetate to Dry-Cleaning Solution flesh side (5)	UNI EN ISO 11643	Grade	2-3
Staining of Bleached Cotton to Dry-Cleaning Solution flesh side (5)	UNI EN ISO 11643	Grade	2
Staining of Polyamide to Dry-Cleaning Solution flesh side (5)	UNI EN ISO 11643	Grade	1-2
Staining of Spun Polyester to Dry-Cleaning Solution flesh side (5)	UNI EN ISO 11643	Grade	2
Staining of Polyacrylic to Dry-Cleaning Solution flesh side (5)	UNI EN ISO 11643	Grade	2
Staining of Worsted Wool to Dry-Cleaning Solution flesh side (5)	UNI EN ISO 11643	Grade	1
Staining of Filament Acetate to Dry-Cleaning Solution grain side (5)	UNI EN ISO 11643	Grade	2-3



Test Item	Test Method	Unit	Value
Staining of Bleached Cotton to Dry-Cleaning Solution grain side (5)	UNI EN ISO 11643	Grade	2
Staining of Polyamide to Dry-Cleaning Solution grain side (5)	UNI EN ISO 11643	Grade	1-2
Staining of Spun Polyester to Dry-Cleaning Solution grain side (5)	UNI EN ISO 11643	Grade	2
Staining of Polyacrylic to Dry-Cleaning Solution grain side (5)	UNI EN ISO 11643	Grade	2-3
Staining of Worsted Wool to Dry-Cleaning Solution grain side (5)	UNI EN ISO 11643	Grade	1
Change in Colour to Water Drop grain side	UNI EN ISO 15700	Grade	5
Surface Physical Effects to Water Drop grain side	UNI EN ISO 15700	V.O.	None
Absorption Time	UNI EN ISO 15700	min	> 30
Peculiar Odour	GB 18401	Grade	None
DMFA, Dimethylformamide	EPA 5035 + EPA 8260C	mg/Kg	< 1
Polycyclic aromatic hydrocarbons, PAHs	prEN ISO 13364	mg/Kg	< 1
2-(Thiocyanomethylthio) benzothiazole, TCMTB	prEN ISO 13364	mg/Kg	< 1
Hexavalent Chromium (VI)	UNI EN ISO 17075	mg/Kg	< 3
Formaldehyde (6)	UNI EN ISO 17226-1	mg/Kg	17,9
Monobutyltin, MBT	DIN EN ISO 17353-11 after extraction with ethanole/methanole alloy	mg/Kg	< 0,025
Dibutyltin, DBT	DIN EN ISO 17353-11 after extraction with ethanole/methanole alloy	mg/Kg	< 0,025
Tributyltin, TBT	DIN EN ISO 17353-11 after extraction with ethanole/methanole alloy	mg/Kg	< 0,025
Aromatic amines derived from azo-colorants	UNI EN ISO 17234-1	mg/kg	≤ 30
4-aminobiphenyl (CAS 92-67-1)	UNI EN ISO 17234-1	mg/kg	≤ 30
Benzidine (CAS 92-87-5)	UNI EN ISO 17234-1	mg/kg	≤ 30
4-chloro-o-toluidine (CAS 95-69-2)	UNI EN ISO 17234-1	mg/kg	≤ 30
2-naphthylamine (CAS 91-59-8)	UNI EN ISO 17234-1	mg/kg	≤ 30
o-amino-azotoluene (CAS 97-56-3)	UNI EN ISO 17234-1	mg/kg	≤ 30
5-nitro-o-toluidine (CAS 99-55-8)	UNI EN ISO 17234-1	mg/kg	≤ 30
p-chloroaniline (CAS 106-47-8)	UNI EN ISO 17234-1	mg/kg	≤ 30
4-methoxy-m-phenylenediamine (CAS 615-05-4)	UNI EN ISO 17234-1	mg/kg	≤ 30
4,4'-methylenedianiline (CAS 101-77-9)	UNI EN ISO 17234-1	mg/kg	≤ 30
3,3'-dichlorobenzidine (CAS 91-94-1)	UNI EN ISO 17234-1	mg/kg	≤ 30
3,3'-dimethoxybenzidine (CAS 119-90-4)	UNI EN ISO 17234-1	mg/kg	≤ 30
3,3'-dimethylbenzidine (CAS 119-93-7)	UNI EN ISO 17234-1	mg/kg	≤ 30
4,4'-methylenedi-o-toluidine (CAS 838-88-0)	UNI EN ISO 17234-1	mg/kg	≤ 30



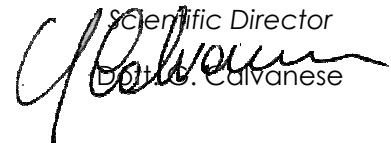
Test Item	Test Method	Unit	Value
6-methoxy-m-toluidine (CAS 120-71-8)	UNI EN ISO 17234-1	mg/kg	≤ 30
4,4'-methylene-bis-(2-chloroaniline) (CAS 101-14-4)	UNI EN ISO 17234-1	mg/kg	≤ 30
4,4'-oxydianiline (CAS 101-80-4)	UNI EN ISO 17234-1	mg/kg	≤ 30
4,4'-thiodianiline (CAS 139-65-1)	UNI EN ISO 17234-1	mg/kg	≤ 30
o-toluidine (CAS 95-53-4)	UNI EN ISO 17234-1	mg/kg	≤ 30
4-methyl-m-phenylenediamine (CAS 95-80-7)	UNI EN ISO 17234-1	mg/kg	≤ 30
2,4,5-trimethylaniline (CAS 137-17-7)	UNI EN ISO 17234-1	mg/kg	≤ 30
o-anisidine (CAS 90-04-0)	Add. UNI EN ISO 17234-1	mg/kg	≤ 30
4-aminoazobenzene (CAS 60-09-3)	prEN ISO 17234-2	mg/kg	≤ 30
Phthalates	UNI/TS 11267	mg/kg	< 1
Di-n-octyl phthalate - DNOP	UNI/TS 11267	mg/kg	< 1
Di-isononyl phthalate - DINP	UNI/TS 11267	mg/kg	< 1
Di-isodecyl phthalate - DIDP	UNI/TS 11267	mg/kg	< 1
Bis(2-ethylhexyl) phthalate - DEHP	UNI/TS 11267	mg/kg	< 1
Dibutyl phthalate -DBP	UNI/TS 11267	mg/kg	< 1
Benzyl butyl phthalate - BBP	UNI/TS 11267	mg/kg	< 1
Antimony	UNI EN ISO 17072-1	mg/kg	≤ 0,04
Arsenic	UNI EN ISO 17072-1	mg/kg	≤ 0,1
Cadmium	UNI EN ISO 17072-1	mg/kg	≤ 0,4
Cobalt	UNI EN ISO 17072-1	mg/kg	≤ 0,6
Chromium (6)	UNI EN ISO 17072-1	mg/kg	17,0
Mercury	UNI EN ISO 17072-1	mg/kg	≤ 0,02
Nickel	UNI EN ISO 17072-1	mg/kg	≤ 0,4
Lead	UNI EN ISO 17072-1	mg/kg	≤ 0,8
Copper (6)	UNI EN ISO 17072-1	mg/kg	0,9
Cadmium	UNI EN ISO 17072-2	mg/kg	≤ 0,4
Lead	UNI EN ISO 17072-2	mg/kg	≤ 0,8
Short Chain Chlorinated Paraffins SCCP (C10-C13)	EPA 8270C + GC-MS	mg/Kg	< 1
Short Chain Chlorinated Paraffins MCCP (C14-C17)	EPA 8270C + GC-MS	mg/Kg	87,9
Ethoxylated Octylphenols, OPEO	prEN ISO 13364:2009	mg/Kg	< 1
Ethoxylated Nonylphenols, NPEO	prEN ISO 13364:2009	mg/Kg	< 1
o-phenylphenol, OPP	prEN ISO 13364:2009	mg/Kg	< 0,05
pH	UNI EN ISO 4045	U. pH	4,15
Trichlorophenol, TCP	I.M. from UNI EN ISO 17070	mg/Kg	< 0,1
Tetrachlorophenol, TeCP	I.M. from UNI EN ISO 17070	mg/Kg	< 0,1
Pentachlorophenol, PCP	UNI EN ISO 17070	mg/Kg	< 0,1

Notes

- (1) Standard atmosphere for conditioning and testing: 20°C and 65% R.H. in accordance with UNI EN 2419.
- (2) 24 hours of exposure, evaluation using blue scale



- (3) "Parallel" and "Perpendicular" indicate respectively the test pieces cutted with the longer sides parallel and perpendicular to the backbone.
 - (4) Reference fabric: multifiber DW in accordance with ISO F-10.
 - (5) Dry-Cleaning solution No. 1: 100% Perchloroethylene.
 - (6) Value referred to dry weight of sample. Humidity value = 9,3%
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Scientific Director

Dr. G. Calvanese
