



CPSC
LABORATORY
IDENTIFICATION
NUMBER
1049



0076
International Laboratory
Accreditation
BS EN ISO 17025

TECHNICAL REPORT

for

Sinead Doyle
Chieftain Fabrics
Wellington Place
Summerhill Road
Trim
Meath
C15 W248
Republic of Ireland

Customer Order No:	Sinead Doyle	BLC Job Reference:	RT16711689
Supplied by:	Not specified	Date Work Confirmed:	25/07/2017
Supplying to:	Not specified	Date Completed:	07/08/2017
Description of Sample Submitted:	Coated Fabric		

QUALITY TESTING



The sample referenced in this report has been tested against the following specification:

Customer specification

for the properties requested only and was found to:

Pass

Fail

the requirements of the above specification.

Additional comments/information (if relevant)

J. Hardwick

Janet Hardwick
Head of Department

Nicholas J Cory

Dr Nicholas J Cory
Operations Director

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Membership

Training

Testing

Technology



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DETAILS OF SAMPLE(S) RECEIVED

Sample Reference	Description	Unique Reference/Identifier
S1	Coated Fabric	Carino

TEST RESULTS

Test	Minimum Requirement (severe contract market)	Results	Pass/Fail		
†Colour fastness to xenon light	Blue Wool Scale 5	> BWS 5	Pass		
Resistance to denim staining	GSR 3-4	GSR 4-5	Pass		
Printwear	GSR 3-4	GSR 5	Pass		
Maintainability (modified)	GSR 3/4	After Cleaning	Ketchup	4	Pass
			Coffee	4	
			Soiling cloth	4-5	
			Red wine	4	
		After Polishing	Ketchup	4	
			Coffee	4	
			Soiling cloth	4-5	
			Red wine	4	

METHOD(S) USED FOR ANALYSIS

Test	Method
†Colour fastness to light	BS EN ISO 105-B02:2014
Maintainability (modified)	BLC Method M12
Resistance to denim staining	BLC Method M30
Printwear	BS5790 part 2 annex B



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STANDARD TECHNICAL NOTES
(all may not be applicable)

Terms and Conditions	BLC's Terms and Conditions of Testing can be found at www.blcleathertech.com
†	Tests within the scope of accreditation
SC	Test performed by a competent, BLC approved partner laboratory
I/S	Insufficient Sample was submitted to perform the test
Opinions	Any opinions and interpretations expressed in this test report are based on current knowledge and experience and fall outside of the scope of ISO 17025 accreditation
Sample disposal	Stable samples will be disposed of after 6 weeks unless otherwise instructed. All other samples will be disposed of on completion of testing
Conditioning	Where necessary, the sample was conditioned and tested at 23oC ± 2oC and 50% ± 5% RH as specified in the reference standard atmosphere requirements of BS EN ISO 2419:2012 (leather) or in the alternative specific standard atmosphere requirements of BS EN ISO 139:2005 + A1:2011 (textile).
ND	None Detected (detection limits are included with the test results)
N/S	Not Scrapable (refers to the finish, meaning it cannot be removed for testing)
GC-MS	Gas Chromatography with Mass Spectroscopy
LC-MS	Liquid Chromatography with Mass Spectroscopy
ICP-MS	Induction Coupled Plasma with Mass Spectroscopy
HPLC	High Performance Liquid Chromatography
RoHS	Restriction of Hazardous Substances Directive
Composite analysis	If the result multiplied by the number of composited samples exceeds the requirement, then testing of the individual samples may be performed or recommended.
Phthalate screening test	Includes DEHP, DBP, BBP, DINP, DIDP, DNOP, DIBP, DnHP, DHNUP, DIHP, DIPP and DMEP, DPP, N-pentyl-isopentylphthalate and 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear.
Organotin screening test	Includes MBT, DBT, TBT, MOT, TeBT, DOT, TPhT & TcyT.
Nickel release	The client is responsible for informing the test house which areas are intended for prolonged contact with the skin, and therefore which areas must have wax or lacquer applied to protect a surface from nickel release
Chromium VI after ageing	The sample is held at 80°C and 10% rh for 24 hours prior to chromium VI testing
Azo dyes analysis	The analysis covers the aromatic amines detailed In Annex XVII of REACH and listed In Appendix 8: 4 – Aminobiphenyl Benzidine, 4 – Chlorotoluidine, 2 – Naphthylamine, o – Aminoazotoluene, 2 - Amino-4-nitrotoluene 4 – Chloroaniline, 2,4 – Diaminoanisole, 4,4'- Diaminodiphenylmethane, 3,3'- Dichlorobenzidine 3,3'- Dimethoxybenzidine, 3,3'- Dimethylbenzidine, 3,3'- Dimethyl -4,4'-diaminodiphenylmethane, 4 - Cresidine 4,4'-methylene bis-(2-chloroaniline), 4,4'-Oxydianiline, 4,4'-Thiodianiline, 2 – Toluidine, 2,4 - Diaminotoluene 2,4,5 – Trimethylaniline, 2 – aminoanisole, 4 – amino azobenzene
BWS	Blue Wool Scale (used for measuring exposure in the UV light fading test)
GSR	Grey scale rating. Used to express degree of staining and/or colour change. GSR 5 = no colour change / no staining; GSR 1 = maximum colour change / maximum staining. Visual assessment of GSR is subjective and associated with an uncertainty of ± half a Grey scale unit. This should be taken into account when determining compliance with a specification
Crockmeter – Textile	Testing carried out at 23± 2°C and 50% ± 5% rh. A 16mm rubbing finger with a 9± 0.2N was used. For wet testing a 95-100% level of soak is achieved for the cotton.
BS EN ISO 11644	Test uses a two component PU activated adhesive. Where possible four samples are tested and taken from the official sampling position (if known).