



TEST REPORT

Report nr.: **1606746-001**

Report date: **06-dic-16**

Acceptance code: **1606746**

Acceptance date: **01-dic-16**

Start test date: **01-dic-16**

End test date: **06-dic-16**

References: ---

Customer code: 5485

To:
MARIO SIRTORI SPA
via Papa Giovanni XXIII 10
23845 COSTA MASNAGA (LC)
Italia

To the attention of:
sig. Sergio Sala Crist
Tel.nr: +39 031 879632
Fax.nr.: +39 031 855397

Article description: **ESOPO 01**
Declared composition: **33% Acrylic - 25% Viscose - 17% Wool - 14% Polyester - 11% Cotton**
End use: **Furnishing**
Typology: **Fabric**
Return: **No requested**
Sampling by customer

The results reported herein refer to the tested samples only and do not involve any product approval by Centro Tessile Serico.
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TEST	M.U.	RESULTS
15346 IGNITABILITY OF UPHOLSTERED FURNITURE:		
CIGARETTE TEST		
Method:	BS 5852-1 (1979)	
Instrument:	Small Test Rig for Flammability test	
Sample pretreatment:		
sample wasn't submitted to any pretreatment because it wasn't chemically treated with flame retardant		
Ignition source applied:		
source 0 (SMOULDERING CIGARETTE)		
Materials of test assembly:		
Upholstery filling: NON fire retardant polyurethane foam with a density of 21 kg/m ³		
Inner cover: -		
Outer cover: SEE ARTICLE DESCRIPTION		
TEST RESULT:		SAMPLE PASSES THE TEST
Note: to assess the ignitability of this sample, the test has been carried out using a NON fire-retardant polyurethane foam with a density of 21 kg/m ³ as filling of the upholstered seating. The test result could be different using another type of filling material.		
Annex n.:		1F
The test results relate only to the ignitability of the combination of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the material in use.		
Law references: "The Furniture and the Furnishing (Fire) (Safety) Regulations 1988" (as amended) S.I. 1324.		
Details of the test results can be seen in the annex of this test report.		



Report nr.

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END OF TEST REPORT

Supervisor Head

p.i. Giovanna Baglio

Technical Head

dott. Marco Piu



Annex n. 1F to test report n. 1606746-001

DETAILS OF TEST RESULTS

Test executed according to BS 5852:Part1:1979 (Ref. Schedule 4, Part 1 'The Cigarette Test' of *Furniture and Furnishing (Fire) (Safety) Regulations 1988 S.I. 1324*):

Fire test for furniture

Part 1. Methods of test for the ignitability by smokers' materials of upholstered composites for seating

Ignition source: SMOULDERING CIGARETTE

Sample description: **ESOP0 01**

Declared composition: **33% Acrylic - 25% Viscose - 17% Wool - 14% Polyester - 11% Cotton**

Conditioning of test specimen and ignition source: **20 ± 5 °C, 50 ± 20 % r.h.**

Testing temperature and r.h.: **18°C, 43% r.h.**

Filling specification: **NON FIRE-RETARDANT polyurethane foam with a density of 21 kg/m³**

Sample pre-treatment: **sample wasn't subjected to any pretreatment**

Date of test: **05.12.2016**

Specimen number	1	2
Time of flaming from placement of the source (min)	0	0
Time of progressive smouldering from placement of the source (min)	38	36
Sample melting (YES/NO)	NO	NO
Sample dripping (YES/NO)	NO	NO
Sample charring (YES/NO)	YES	YES
Progressive smouldering observed after the final examination (YES/NO)	NO	NO
CIGARETTE TEST RESULT (PASS/FAIL)	PASSES	PASSES

The following test result relate only to the ignitability of the combination of materials under the particular conditions of test.

They are not intended as a means of assessing the full potential fire hazard of the material in use.



TEST REPORT

Report nr.: **1606747-001**

Report date: **06-dic-16**

Acceptance code: **1606747**

Acceptance date: **01-dic-16**

Start test date: **01-dic-16**

End test date: **06-dic-16**

References: **---**

Customer code: 5485

To:
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To the attention of:
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Article description: **ESOPO 01**
Declared composition: **33% Acrylic - 25% Viscose - 17% Wool - 14% Polyester - 11% Cotton**
End use: **Furnishing**
Typology: **Fabric**
Return: **No requested**
Sampling by customer

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TEST	M.U.	RESULTS
15356 IGNITABILITY OF UPHOLSTERED FURNITURE: MATCH TEST		
Method:	BS 5852-1 (1979)	
Instrument:	Small Test Rig for Flammability test	
Sample pretreatment:		
sample wasn't submitted to any pretreatment because it wasn't chemically treated with flame retardant		
Ignition source applied:		
source 1 (MATCH FLAME EQUIVALENT)		
Materials of test assembly:		
Upholstery filling: NON fire retardant polyurethane foam with a density of 21 kg/m ³ Inner cover: - Outer cover: SEE ARTICLE DESCRIPTION		
TEST RESULT:		SAMPLE PASSES THE TEST
Note: to assess the ignitability of this sample, the test has been carried out using a NON fire-retardant polyurethane foam with a density of 21 kg/m ³ as filling of the upholstered seating. The test result could be different using another type of filling material.		
Annex n.:		1F
The test results relate only to the ignitability of the combination of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the material in use.		
Law references: "The Furniture and the Furnishing (Fire) (Safety) Regulations 1988" (as amended) S.I. 1324.		
Details of the test results can be seen in the annex of this test report.		



Report nr.

1606747-001

END OF TEST REPORT

Supervisor Head

p.i. Giovanna Baglio

Technical Head

dott. Marco Piu



Annex n. 1F to test report n. 1606747-001

DETAILS OF TEST RESULTS

Test executed according to BS 5852:Part1:1979 (Ref. Schedule 5, Part 1 'The Match Test' of Furniture and Furnishing (Fire) (Safety) Regulations 1988 S.I. 1324):

Fire test for furniture

Methods of test for the ignitability by smokers' materials of upholstered composites for seating

Ignition source 1: BUTANE FLAME

Sample description: **ESOP0 01**

Declared composition: **33% Acrylic - 25% Viscose - 17% Wool - 14% Polyester - 11% Cotton**

Conditioning of test specimen and ignition source: **20 ± 5 °C, 50 ± 20 % r.h.**

Testing temperature and r.h.: **21°C, 43% r.h.**

Filling specification: **non fire-retardant polyurethane foam with a density of 21 kg/m³**

Sample pre-treatment: **sample wasn't subjected to any pretreatment**

Date of test: **05.12.2016**

Specimen number	1	2
Time of flaming from removal of the source (s)	2	1
Time of progressive smouldering from removal of the source (s)	8	6
Sample melting (YES/NO)	NO	NO
Sample dripping (YES/NO)	NO	NO
Sample charring (YES/NO)	YES	YES
Progressive smouldering observed after the final examination (YES/NO)	NO	NO
MATCH TEST RESULT (PASS/FAIL)	PASSES	PASSES

The following test result relate only to the ignitability of the combination of materials under the particular conditions of test.

They are not intended as a means of assessing the full potential fire hazard of the material in use.