

**TEST REPORT****148448 / 1**Date received: 19-10-12  
Date of test: 29-10-12  
Date of issue: 29-10-12NOBILIS S.A. COMPANY  
38-40 RUE BONAPARTE  
75006 PARIS  
FR - FRANCE

Sample name: Upholstered furniture covered with Pur Sang

**Smouldering cigarette test EN 1021-1:2006****Description of tested materials as declared by the client**

## Outer cover

Art. Pur Sang produced by Nobilis S.A., composition approx. 2 % PU finish - approx. 73 % PVC compound - approx. 25 % CO fabric, mass per unit area  $800 \pm 50$  g/m<sup>2</sup>, thickness  $1,6 \pm 0,2$  mm.

The exposed surface of the cover was tested. The cover has been treated with a fire-retardant chemical.

Filling material (supplied by Laboratory as requested by the client)

Flame Retardant polyurethane foam (Crib 5), density 25 kg/m<sup>3</sup>.**Pre-treatment**The cover has been subjected to the water soaking and drying procedure (Annex D) prior to being conditioned at least 24 hours at  $23 \pm 2$  °C temperature and  $50 \pm 5$  % relative humidity.**Test results**

## Non-ignition

## Criteria of ignition

## Smouldering

## Cigarette

1 2

## Comments

Smouldering criteria

Unsafe escalating combustion	[3.1 a)]	No	No	-
Test assembly consumed	[3.1 b)]	No	No	-
Smoulders to extremities	[3.1 c)]	No	No	-
Smoulders through thickness	[3.1 c)]	No	No	-
Smoulders more than 1 h	[3.1 d)]	No	No	-
In final examination, presence of active smouldering	[3.1 e)]	No	No	-

Flaming criteria

Occurrence of flames	[3.2]	No	No	-
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Yes: does not meet requirement

No: meet requirement

The uncertainties of measurement extended to a 95 % level of confidence (coverage factor k=2) are  $\pm 0,2$  seconds and  $\pm 0,6$  mm.

The above 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 materials in use.

*This document is validated by digital signature and time stamping in accordance with the Italian laws and the European Directives which regulate the electronic signature systems.*

*Marketing Director*  
*Dr. Andrea Giavon*

The sample name and, when relevant, its description, are given by the orderer, and CATAS does not assume responsibility on this matter. This test report relates to the sample submitted for the test and no others. Additions, deletions or alterations are not permitted. This test report must always be reproduced in its entirety. Unless otherwise stated, sampling has been carried out by the orderer.

TEST REPORT

148448 / 2

Date received: 19-10-12  
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NOBILIS S.A. COMPANY  
38-40 RUE BONAPARTE  
75006 PARIS  
FR - FRANCE

Sample name: Upholstered furniture covered with Pur Sang

**Match flame equivalent test EN 1021-2:2006**

**Description of tested materials as declared by the client**

Outer cover

Art. Pur Sang produced by Nobilis S.A., composition approx. 2 % PU finish - approx. 73 % PVC compound - approx. 25 % CO fabric, mass per unit area  $800 \pm 50$  g/m<sup>2</sup>, thickness  $1,6 \pm 0,2$  mm.

The exposed surface of the cover was tested. The cover has been treated with a fire-retardant chemical.

Filling material (supplied by Laboratory as requested by the client)

Flame Retardant polyurethane foam (Crib 5), density 25 kg/m<sup>3</sup>.

**Pre-treatment**

The cover has been subjected to the water soaking and drying procedure (Annex D) prior to being conditioned at least 24 hours at  $23 \pm 2$  °C temperature and  $50 \pm 5$  % relative humidity.

**Test results**

Non-ignition

Criteria of ignition		Match flame equivalent			Comments
		1	2	3	
<b>Smouldering criteria</b>					
Unsafe escalating combustion	[3.1 a)]	No	No	No	-
Test assembly consumed	[3.1 b)]	No	No	No	-
Smoulders to extremities	[3.1 c)]	No	No	No	-
Smoulders through thickness	[3.1 c)]	No	No	No	-
Smoulders more than 1 h	[3.1 d)]	No	No	No	-
In final examination, presence of active smouldering	[3.1 e)]	No	No	No	-
<b>Flaming criteria</b>					
Unsafe escalating combustion	[3.2 a)]	No	No	No	-
Test assembly consumed	[3.2 b)]	No	No	No	-
Flames to extremities	[3.2 c)]	No	No	No	-
Flames through thickness	[3.2 c)]	No	No	No	-
Flames longer than 120 s	[3.2 d)]	No	No	No	-
Yes: does not meet requirement		No: meet requirement			

The uncertainties of measurement extended to a 95 % level of confidence (coverage factor k=2) are  $\pm 0,2$  seconds and  $\pm 0,6$  mm.

The above 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 materials in use.

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Managing Director  
Dr. Andrea Giavon

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