

TEST SHEET

NR. LSF/NC12703/00000/1/ST

Oltrona di S. Mamette, 18.01.2008

Furniture - Assessment of the ignitability of upholstered furniture - Part 1: Ignition source smouldering cigarette

THE REQUIRING FIRM

**ICF SpA**

via Cassanese, 108  
I - 20060 Vignate (MI)

DENOMINATION AND DESCRIPTION OF THE MATERIAL :

**UNA STOOL VINILE**

Covering: RESINFLEX SKINFLEX OMEGA

Composition: 90% PVC - 10% polyester; Weight: 720 g/m<sup>2</sup>.

Foam: OLMO POLILATEX T40 RC 5E

Composition: PUR foam Density: 40 kg/m<sup>3</sup> Thickness: 5 mm.

Note: The water soaking procedure wasn't carried out on the cover. Conditioned samples. Small test rig.

TEST RESULTS: Part 1: flame ignition

Cigarette			Comments
	Test 1	Test 2	
Smouldering criteria			
Unsafe escalating combustion	no	no	
Test assembly consumed	no	no	
Smoulders to extremities	no	no	
Smoulders through thickness	no	no	
Smoulders more than 1 hour	no	no	
In final examination >50 mm from source	no	no	
Flaming criteria			
Occurrence of flames	no	no	
* Enter 'YES' if criteria exceeded or 'NO' if criteria not exceeded			

*As a consequence of the above results, the examined material is to consider*

**positive**

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.

LSF PRESIDENT  
HEAD OF RESEARCH TEAM  
-Silvio Messa-

LABORATORY SUBSTITUTIVE DIRECTOR  
-Maddalena Pezzani-

TEST OPERATOR  
-Silyana Carnevale-

TEST SHEET

NR. LSF/NC12703/00000/1/ST

Oltrona di S. Mamette, 18.01.2008

**EN 1021-2**

Furniture - Assessment of the ignitability of upholstered furniture - Part 2: Ignition source match flame equivalent

THE REQUIRING FIRM

**ICF SpA**

via Cassanese, 108

I - 20060 Vignate (MI)

DENOMINATION AND DESCRIPTION OF THE MATERIAL :

**UNA STOOL VINILE**

Covering: RESINFLEX SKINFLEX OMEGA

Composition: 90% PVC - 10% polyester; Weight: 720 g/m<sup>2</sup>.

Foam: OLMO POLILATEX T40 RC 5E

Composition: PUR foam

Density: 40 kg/m<sup>3</sup>

Thickness: 5 mm.

Note: The water soaking procedure wasn't carried out on the cover. Conditioned samples. Small test rig.

TEST RESULTS: Part 2: flame ignition

Match				Comments
	Test 1	Test 2		
Smouldering criteria				
Unsafe escalating combustion	no	no		
Test assembly consumed	no	no		
Smoulders to extremities	no	no		
Smoulders through thickness	no	no		
Smoulders more than 1 hour	no	no		
In final examination >50 mm from source	no	no		
Flaming criteria				
Unsafe escalating combustion	no	no		
Test assembly consumed	no	no		
Flames to extremities	no	no		
Flames through thickness	no	no		
Flames longer than 120 s	no	no		

\* Enter 'YES' if criteria exceeded or 'NO' if criteria not exceeded

*As a consequence of the above results, the examined material is to consider*

**positive**

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.

LSF PRESIDENT  
HEAD OF RESEARCH TEAM

-Silvio Messa-

LABORATORY SUBSTITUTIVE DIRECTOR

-Maddalena Pezzani-

TEST OPERATOR

-Silvana Carnevale-