

## TEST REPORT

No.: XMIN2602000270CM01\_EN

Issue Date: 2026-02-25

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CUSTOMER NAME: ARCO IRIS SAS

ADDRESS: 189 RUE JEAN TIROLE ,30126 SAINT LAURENT DES ARBRES FRANCE

Sample Name : Photoluminescent rigid sheet

Product Specification : PVC-PAN Panneaux photoluminescents pvc

Manufacturer : ARCO IRIS SAS

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

SGS Ref. No. : SDFTS26001022R01\_EN

Sample Source : Customer-delivered

Date of Receipt : 2026-02-05

Testing Period : 2026-02-05 ~ 2026-02-25

Test result(s) : For further details, please refer to the following page(s)  
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for and on behalf of  
SGS-CSTC Standards Technical Services Co.,Ltd. Xiamen Branch

Bryan Hong

Authorized signatory

Scan to see the report



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Verification:  
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Xiamen Branch

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No.31 Xianghong Road, Xiang'an Torch Industrial Zone, Xiamen, Fujian Province, China 361101 t (86-592) 5765857 www.sgsgroup.com.cn  
中国·福建·厦门·火炬(翔安)产业区翔虹路31号 邮编: 361101 t (86-592) 5765857 sgs.china@sgs.com

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## TESTS AND RESULTS

### Test Conducted:

NF P 92-507:2004 Fire safety-building-interior fitting materials - Classification according to their reaction to fire.

Clause 3.2 Classification of rigid materials of any thickness and of flexible materials more than 5 mm thick

And the test methods as following:

1. NF P 92-501:1995 Safety against fire – Building materials – Reaction to fire tests – Radiation test used for rigid materials, or for materials on rigid substrates (flooring and finishes) of all thicknesses, and for flexible materials thickness more than 5 mm.
2. NF P 92-504:1995 Safety against fire – Building materials – Reaction to fire tests – Flame persistence test and speed of the spread of flame.

### Conditioning:

Prior to testing, the sample was conditioned in an atmosphere having a temperature of (23±2)°C and a relative humidity of (50±5)% ; Duration: 72h

### Test Results:

1. NF P 92-501:1995

---	Specimen 1	Specimen 2	Specimen 3	Specimen 4
Ignition time of lower face (t <sub>i1</sub> ) /second	71	67	70	72
Ignition time of upper face (t <sub>i2</sub> ) /second	110	123	126	114
Sum of the length of the flame $\sum h$ /cm	42	60	51	54
Sum of the duration of flaming combustion, $\Delta T$ (seconds)	91	139	119	128
$q = \frac{100\sum h}{t_i \sqrt{\Delta T}}$	6.2	7.6	6.7	6.6
AVG.q	6.8			
Flaming molten droplets (Yes/No)	No	No	No	No
Non-flaming molten droplets (Yes/No)	No	No	No	No
Creep or melting (Yes/No)	No	No	No	No
Perforation without ignition(Yes/No)	No	No	No	No
Additional burning phenomenon(specify if presented)	Charring	Charring	Charring	Charring
Loss of mass(%)	8.6	13.7	8.3	9.1



SGS-CSTC Xiamen Branch Inspection & Testing Services  
Xiamen Branch Commercial General Laboratory

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中国·福建·厦门·火炬(翔安)产业区翔虹路31号 邮编: 361101

t (86-692) 5765857 www.sgs.com.cn  
t (86-692) 5765857 sgs.china@sgs.com

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2.NF P 92-504:1995

---	Specimen 1	Specimen 2	Specimen 3	Specimen 4	AVG
Flame persistence (Yes/No)	No	No	No	No	---
Elapsed time (s)	N/A	N/A	N/A	N/A	---
Burn length (mm)	N/A	N/A	N/A	N/A	---
Speed of the spread of flame (mm/s)	N/A	N/A	N/A	N/A	---
Molten droplets (Yes/No)	No	No	No	No	---

Remark: N/A- Not applicable

**Classification:**

M2

### Annex I Requirements

Table 2 Resume of classification for the rigid materials and flexible materials which thickness more than 5mm

<b>Radiation Test <sup>c)</sup></b>		<b>Flame Spread</b>		<b>PCS</b>	
Requirement		<2 mm/s	>2 mm/s	<2.5 MJ/kg	>2.5 MJ/kg
No Effective Inflammation	M0			M0 <sup>a)</sup>	M1
	q<2.5 <sup>b)</sup>				
	q<15				
	q<50				
	q ≥50				

<sup>a)</sup> For the classification M0 of multilayer materials and painted inert materials, refer to clause 3.3.2, 3.3.3, 3.3.4 and appendix C.

<sup>b)</sup> The meanings of the index q refer to clause 3.2.3.4 of NF P 92-507:2004.

<sup>c)</sup> If the materials presented a particular behaviour, the classification also needs to refer to Table 3.



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SGS-CSI (Shanghai) Technical Services Co., Ltd.  
Xiamen Branch Commercial General Laboratory

No.31 Xianghong Road, XiangAn Torch Industrial Zone, Xiamen, Fujian Province, China 361101  
中国·福建·厦门·火炬(翔安)产业区翔虹路31号 邮编: 361101

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Table 3 Resume of classification for the materials presented a particular behaviour

Test Items	Criteria of classification				
		Not ignite the wadding	Not ignite the wadding	Ignite the wadding	Ignite the wadding
<b>Test for hot melt materials</b>					
<b>Flame Persistence Test</b>	No drops	Non-flaming molten droplets	Flaming drops or debris	Non-flaming molten droplets	Flaming drops or debris
Flame persistence time ≤ 2s	M1	M1	M2	M4	M4
Flame persistence time ≤ 5s	M2	M2	M3	M4	M4
Flame persistence time > 5s and Flame Spread < 2 mm/s	M3	M3	M4	M4	M4

**Statement:**

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

The test results relate only to the specimens of the product in the form in which were tested. Small differences in the composition or thickness of the product may significantly affect the performance during the test and may therefore invalidate the test results. Care should be taken to ensure that any product, which is supplied or used, is fully represented by the specimens, which were tested.



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No.31 Xianghong Road, Xiang'an Torch Industrial Zone, Xiamen, Fujian Province, China 361101  
中国·福建·厦门·火炬(翔安)产业区翔虹路31号 邮编: 361101

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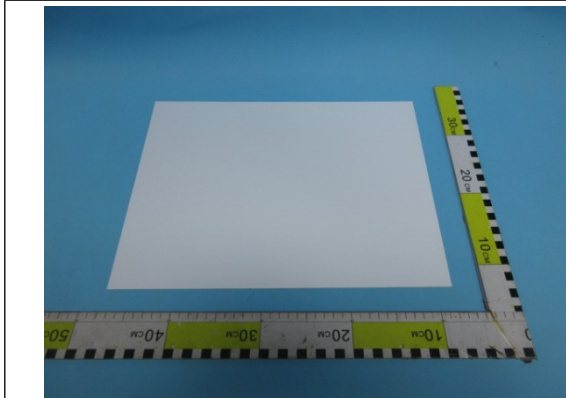
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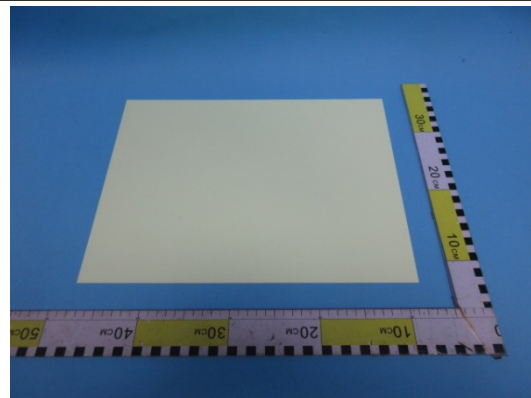
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### SAMPLE INFORMATION AND PICTURES

Product Name PVC sheet  
 Area density: 2.30 kg/m<sup>2</sup>  
 Thickness: 1.5 mm



Sample Face



Sample Back

Note: The above test project/method was carried out by subcontractors.

\*\*\*\*\*End of report\*\*\*\*\*



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