

TEST REPORT

No.: XMIN2601000099CM01_EN

Issue Date: 2026-01-26

Page: 1 of 5

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. : SDFTS26000383R01_EN
Date of Receipt : 2026-01-14
Testing Period : 2026-01-14 ~ 2026-01-26
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

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Page: 2 of 5

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.
3. NF P 92-505:1995 Fire safety-Building-Testing how materials react to fire-Test applicable to fusible materials-Dripping test.

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 _{i1}) /second	22	28	24	24
Ignition time of upper face (t _{i2}) /second	52	74	53	66
Sum of the length of the flame $\sum h$ /cm	57	69	75	51
Sum of the duration of flaming combustion,	103	149	135	139
$q = \frac{100 \sum h}{t_i \sqrt{\Delta T}}$	25.5	20.2	26.9	18.0
AVG.q	22.6			
Flaming molten droplets (Yes/No)	No	No	No	No
Non-flaming molten droplets (Yes/No)	Yes	Yes	Yes	Yes
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, burning through	Charring, burning through	Charring, burning through	Charring, burning through
Loss of mass(%)	18.3	17.5	18.9	17.3



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Page: 3 of 5

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	---

3. NF P 92-505:1995

---	Specimen 1	Specimen 2	Specimen 3	Specimen 4
Flaming molten droplets (Yes/No)	No	No	No	No
Non-flaming molten droplets (Yes/No)	No	No	No	No
Ignite the wadding (Yes/No)	No	No	No	No

Remark: N/A- Not applicable

Classification:

M3

Annex I Requirements

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

Radiation Test ^{c)}		Flame Spread		PCS	
Requirement		<2 mm/s	>2 mm/s	<2.5 MJ/kg	>2.5 MJ/kg
No Effective Inflammation	M0			M0 ^{a)}	M1
	q<2.5 ^{b)}				
	q<15				
	q<50				
	q ≥50				
		M4	NC		

^{a)} 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.

^{b)} The meanings of the index q refer to clause 3.2.3.4 of NF P 92-507:2004.

^{c)} If the materials presented a particular behaviour, the classification also needs to refer to Table 3.



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Page: 4 of 5

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
Test for hot melt materials					
Flame Persistence Test	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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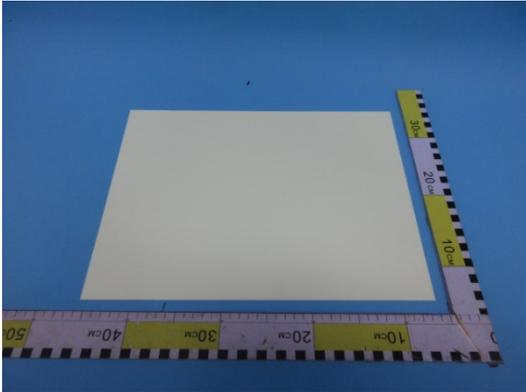
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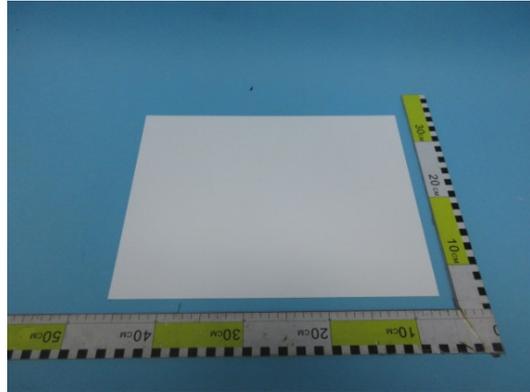
Page: 5 of 5

SAMPLE INFORMATION AND PICTURES

Product Name Panel
 Area density: 1.60 kg/m²
 Thickness: 1.1 mm



Sample Face



Sample Back

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

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



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