



aido

ÓPTICA COLOR IMAGEN
Instituto tecnológico



TEST REPORT

DEPARTMENT: Colour
LABORATORY: Colorimetry

REPORT NUMBER: C/080109

PERFORMED TEST

Photoluminescent materials (DIN 67510-1, UNE 23035-1)
1. Luminance and period of light decay.

CLIENT

Company: MACTAC EUROPE S.A.
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Province: Barcelona
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STARTING DATE: 05-05-2008
ENDING DATE: 06-05-2008

Appendix: -----



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SAMPLE IDENTIFICATON: C/080109-1

Sample description:

Yellow Plastic Photoluminiscent sheet ,sample approximate dimensions: 30 x 21 cm².

In the backside the sample write which reads:

MACPHOSPHO 85

Identification marks:

None

Sample origin:

Client

Reception date: 05-05-2008



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1) MEASUREMENT OF LUMINANCE AND PERIOD OF LIGHT DECAY

MEASUREMENT CONDITIONS:

For the execution of the test the following instruments have been utilized:

- LIGHT SOURCE : 180 W Xenon Lamp
- PHOTOMETER
- Environmental Conditions:
 - Temperature: 23,3 °C
 - Humidity: 47,7 %

The test was carried out according to our procedure PTICC/65: «Procedure to determine the luminance and period of light Decay in Photoluminescent materials».

- Lamp warming up Time (prior to the sample exposition): 15 minutes.
- Time of exposition of the sample to the light source: 5 minutes.
- Illuminance on the sample: 1.000 luxes
- After switching off the lamp, several measurements are carried out to different times.

Coverage factor K=2

Expanded Uncertainty for the luminance 2,7% (correction factor: 1,017)

RESULTS:

Sample C/080109-1


Sample C/080109-1	
t(min)	L(mcd/m²)
5	227,40
10	110,60
30	32,3
60	13,9
120	5,8
1642	0,3

The results of this test only concerns to the samples whose description appears under the title "Sample identification".

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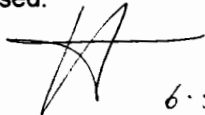
Tested:



6-05-08
M. Pico.

Date and Signature

Revised:



6-5-07.
N. Alcazar.

Date and signature