



TEST REPORT

Date	15/09/08	Report Nº	08IN02101033MA/01 REV 01
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LABORATORY

MATERIALS

ADDRESS

Polígono Industrial de A Granxa- 36400 Porriño

PERSON IN CHARGE

ÁNGEL GONZÁLEZ

COSTUMER

CEIIA

PLANT/FACORY

PORTUGAL

ADDRESS

RUA ENG. FEDERICO ULRICH, 2650 (TECMAIA) 4470-605 MAIA

CONTACT PERSON

JOAO PINTO

CHARGE

TEST

ODOUR TEST

TEST CODE	08EN0211033MA/01	RECEPTION DATE	14/07/08
SAMPLES CODE	1033/001-(1,2,3,4,5) 1033/002-(1,2,3,4,5)	START DATE	15/07/08
NUMBER OF SAMPLES	10	END DATE	15/07/08
TEST EQUIPMENT	FORCED AIR OVEN 250°C (MA0601500)		

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1. SAMPLE DESCRIPTION

The test samples are two different 2 different pDCPD Telene plaques:



Photo 1: pDCPD Telene painted plaque (1033/001)

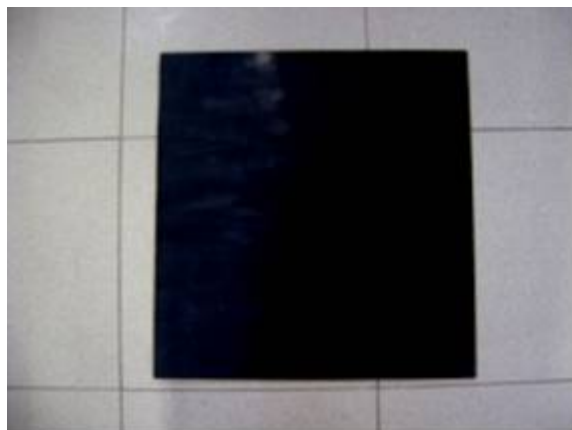


Photo 2: pDCPD Telene plaque (1033/002)

Five samples of each table are prepared to make the test. The volume of each sample is (50 ± 5) cm³.

SAMPLE CODE	DENOMINATION
1033/001-(1,2,3,4,5)	pDCPD Telene painted plaques
1033/002-(1,2,3,4,5)	pDCPD Telene plaques

Table 1: Code samples

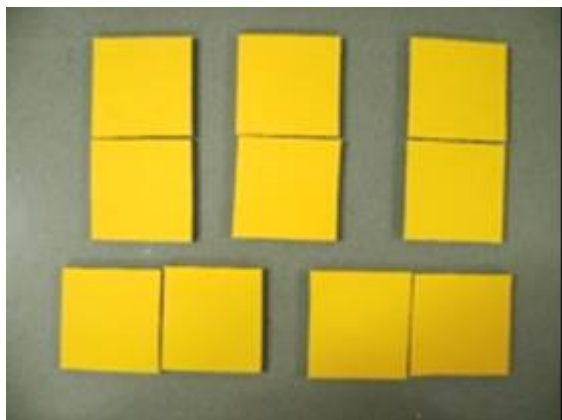


Photo 3: Samples 1033/001-(1,2,3,4,5)

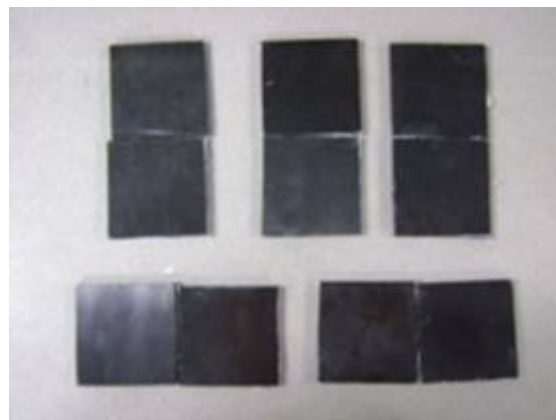


Photo 4: Samples 1033/002-(1,2,3,4,5)

2. TEST SETUP

The test is made according to the following the VW 501 80 (Point 4.2.3) "Components in the passenger compartment. Emission behaviour" standard (Edition: 2007) and the PV 3900 "Components in passenger compartment. Odour test" standard (Edition: August 2000)

This test is made following the variant 3 of the PV 3900 standard:

Test samples are introduced in the containers, and they are stored for 2 hours at 80° C. After this time, the containers are removed from the oven, and when they are at 60° C, samples are evaluated for different people.



Photos 5 and 6: Beginning of the test. Samples (1033/001)



Photos 7 and 8: Beginning of the test. Samples (1033/002)

Requirement: Odour intensity ≤ 3.5



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3. RESULTS AND MEASUREMENT UNITS

The odour evaluation is made following the table 2:

NOTE	EVALUATION
1	Not perceptible
2	Perceptible, not disturbing
3	Clearly perceptible, but not disturbing
4	Disturbing
5	Strongly disturbing
6	Unbearable

Table 2: Intensity odour evaluation

The results obtained in the test can be seen in the following table:

SAMPLES CODE	SAMPLE	NOTES	AVERAGE	EVALUATION	RESULT (Requirement: Odour intensity ≤ 3.5)
1033/001-1	pDCPD Telene painted plaque	3.5	2.5	Perceptible, not disturbing - Clearly perceptible, but not disturbing	OK
1033/001-2		2			
1033/001-3		3			
1033/001-4		2			
1033/001-5		2			
1033/002-1	pDCPD Telene plaque	3	3.5	Clearly perceptible, but not disturbing - Disturbing	OK
1033/002-2		3.5			
1033/002-3		3			
1033/002-4		3.5			
1033/002-5		4.5			

Table 3: Obtained results

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4. UNCERTAINTY

$U_{(MA0601500)} = 2^{\circ} C$

5. DESVIATIONS FROM THE PROCEDURE

NOT APPLY

6. ENVIRONMENTAL CONDITIONS

NOT APPLY

7. DECLARATION OF CONFORMITY (APPLY)

Remark: Results refer exclusively to the test sample

8. CONFIDENTIALITY

"The CTAG compromises itself and guarantees the confidentiality of the totality of the activities and information related to this report, included the spreading of the commercial information or of a reserved property and information that could violate the managerial privacy and the confidentiality of the information".

EXECUTE	LABORATORY TECHNICIAN	CONFIRM	TEST MANAGER
NAME	IRIS MARTÍNEZ	NAME	ÁNGEL GONZÁLEZ
SIGNATURE		SIGNATURE	

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