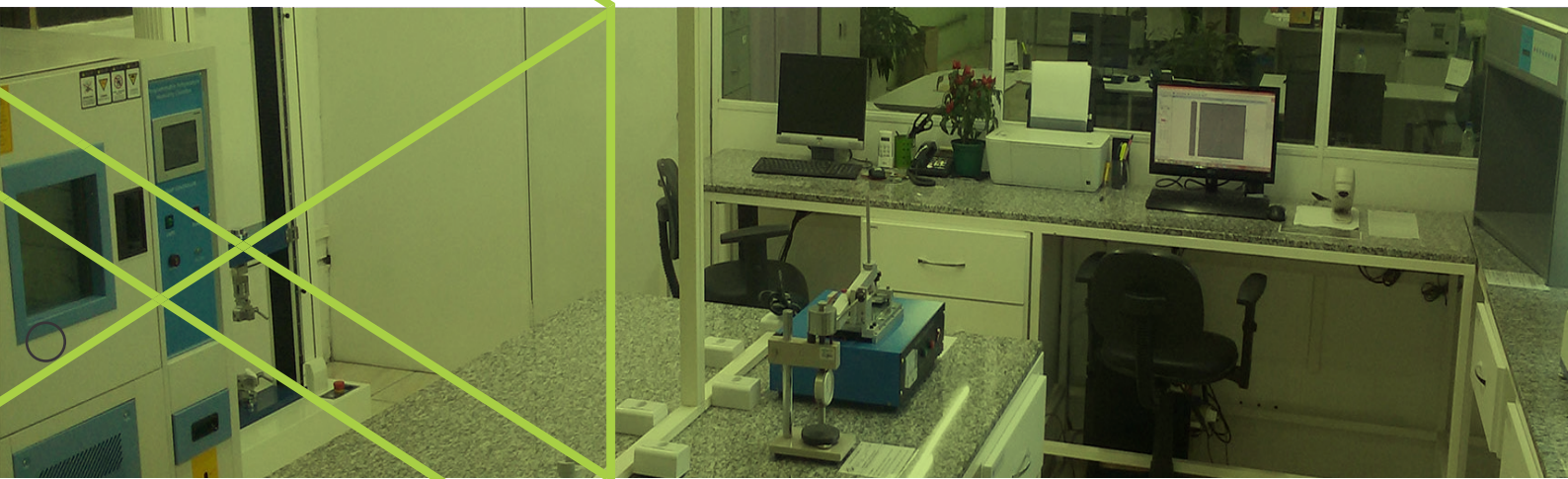


RESISTANCE TO CHANGE IN TEMPERATURE

929-14



Lamiecco
ecological coverings



FIERGS SENAI

CENTRO TECNOLÓGICO DO MOBILIÁRIO - CETEMO

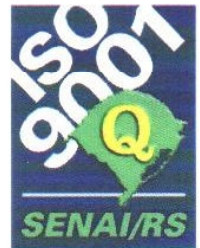
Av. Pres. Costa e Silva, 571
CEP 95700-000 - Bento Gonçalves - RS - Brasil
Fone: (54) 3449-3500 - Fax: (54) 3449-3513
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LABORATÓRIO DE CONTROLE DE QUALIDADE

Request Nº: 929/14 **of** 08/08/2014

Proposal Nº: 307/14

Company: Lamiocco Plásticos Ltda.
CNPJ: 08.889.084/0001-78 IE: 290/0003487
Rua Souza Lobo, 625
99255-000 - Montauri - RS
51 3222 0584 / 51 3222 0584



RESISTANCE TO CHANGE IN TEMPERATURE TEST

1 - DESCRIPTION AND IDENTIFICATION OF THE SAMPLE:

SAMPLE 01: Lamiocco Branco TX.

2 - SAMPLING:

The collecting, sampling and identification were carried out by the client.

3 - PURPOSE OF THE TEST:

Through these tests we intend to evaluate the performance of the sample, when undergoing the tests according to the standards described in item 4.2.

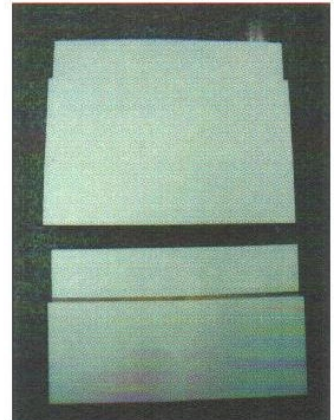
4 - PROCEDURE:

4.1 – SAMPLE PREPARATON:

The sample was prepared by the client.

4.2 - TEST METHOD:

Performed according to the procedure PRI 632/445 (1ªEd. Rev. 03). The sample is subjected to different temperatures starting with 60 ° C, with gradual temperature increase from 10 to 10 ° C to 100 ° C. The exposure time of the sample at each temperature was 1 hour intervals between each of 15 minutes at room temperature for evaluation. The temperature range is defined by the customer.



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5 - RESULTS:

The tests were carried from August 18th to 19th, 2014

32 samples were tested.

The softening point of the adhesive used is 80 ° C (information provided by the client).

SAMPLE	RESULTS				
	TEMPERATURE (°C)				
	60	70	80	90	100
01	No change	No change	No change	No change	No change

NOTE: The test results are only valid for the sample conditions at the moment of the test.

Bento Gonçalves, August 22th, 2014.


CARINE CAVALLERI DALLÉ
 Technical Manager
 Laboratory Quality Control
 SENAI/CETEMO