

LABORATÓRIOS - V.N.FAMALICÃO

COMPANY
HELIOTEXTIL - ETIQUETAS E PASSAMANARIAS, S.A.
APARTADO 467

3702- S. JOÃO DA MADEIRA CODEX

Request Nr.: 7332/2014

Date of Reception : 2014/07/29

Observations

Groups of tests

EN ISO 20471:2013

Samples reference - Your reference

12006/2014 - Silver

Tests required

Retroreflection EN ISO 204741

The results were transcribed from the report no. 7133/2014-1

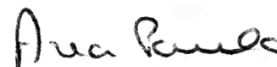
COMMENTS

See last page

- The tests were performed between the following dates: 2014/07/29 and 2014/07/29.

V.N.FAMALICÃO, 30th July 2014

LABORATORY
COORDINATOR



(Eng^a Ana Paula Fonte)

NOTES:

- These results were obtained according to the proceedings referred in the Quality Manual of CITEVE and concern only the samples submitted to testing (above mentioned).
- Any part of this report cannot be reproduced without the prior permission of CITEVE.
- The tests signalled by * are not included in the scope of accreditation of this laboratory
- q.l - quantification limit d.l. - detection limit n.d. - not detected

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<u>Sample Ref.</u>	<u>Your ref.</u>	<u>Sample description</u>
12006 /2014	Silver	2 Samples of knitted fabric w/transfer

Test/Standard: * RETROREFLECTION / CIE nº 54

Results

COEFFICIENT OF RETROREFLECTION

(cd/(lx.m²))

Observation angle 12':	
Entrance angle 5°-	641
Entrance angle 20°-	643
Entrance angle 30°-	604
Entrance angle 40°-	480
Observation angle 20':	
Entrance angle 5°-	491
Entrance angle 20°-	482
Entrance angle 30°-	459
Entrance angle 40°-	370
Observation angle 1°:	
Entrance angle 5°-	27,6
Entrance angle 20°-	24,7
Entrance angle 30°-	27,3
Entrance angle 40°-	36,5
Observation angle 1°30':	
Entrance angle 5°-	19,0
Entrance angle 20°-	14,9
Entrance angle 30°-	13,8
Entrance angle 40°-	16,6

COMMENTS

The sample is according EN ISO 20471:2013 of retroreflection (original) separate performance retroreflective material.