

LABORATÓRIOS - V.N.FAMALICÃO



COMPANY

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

3702- S. JOÃO DA MADEIRA CODEX

Request Nr.: 2679/2015

Date of Reception : 2015/03/30

Observations

Samples reference - Your reference

4898/2015 - Helio VRF (70x70mm)

Tests required

Burning behaviour according to the standard EN ISO 11612

COMMENTS

See last page

- The tests were performed between the following dates: 2015/03/30 and 2015/04/07.

V.N.FAMALICÃO, 07th April 2015

LABORATORY
COORDINATOR



(Engª Suzana Blattmann)

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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Sample Ref.	-	Your ref.	-	Sample description
4898 /2015		Helio VRF (70x70mm)		6 Woven fabric w/transfer

Test/Standard: WASHING / ISO 6330:2012

Results

Test Conditions

Washing machine: Type A	
Washing programme:	9N (92°C)
Total load (kg): 2	
Detergent used: IEC + Sodium Perborate +TAED	
Drying method:	Tumble dry
Number of washing and drying cycles:	5
Number of specimens tested:	1

Test/Standard: BURNING BEHAVIOUR / ISO 15025:2000

Results

	Original	Washed
Afterflame time (s)		
Individual values :	NI	NI
	NI	NI
	NI	NI
Afterglow time (s)		
Individual values :	NI	NI
	NI	NI
	NI	NI
OBSERVATIONS		
Flaming reaches the upper edges or vertical edges of the specimen :	No	
Afterglow spreads beyond the flame spread area :	No	
Ocurrence of debris :	No	
Flaming debris ignites the filter paper:	No	
Hole develops :	No	
In which layer hole develops for multilayer specimens :	---	
Note:		
NI - Did not ignite		

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Test Conditions

Type of gas used: propane
Type of ignition: surface ignition
Type of surface exposed towards the flame: Right side on the printed
Size of specimens: (200x160) mm
State of specimens: Original and washed
(see washing)
Time of flame application: 10s
Ambient conditions: 10-30°C and
15-80% RH

COMMENTS

The sample is according EN ISO 11612:2008 in burning behaviour (limited flame spread - CODE LETTER A1).



request 2679-2015 HELIO VRF (70X70MM) - original.GIF



request 2679-2015 sample 4898-2015 after pre-treatment



request 2679-2015 sample 4898-2015 before pre-treatment