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Consumer
Products
Services UK Ltd
31 Kingsland
Grange
Woolston
Warrington
Cheshire
WA1 4RW

TEST REPORT

Report Reference: TR4094/190807

Submitted By: Camira Fabrics Ltd, Meltham, West Yorkshire
F.A.O: Rebecca Grimes

Order Date: 29th March 2017

Order No: PO60325

Date of Receipt: 31st March 2017

Items Tested: Aquarius
Colour: Pitch
Style No: HJA002
End Use: None Given
Claimed: None Claimed

Comments on the Results

The fabric sample supplied meets the requirements of BS EN 1021-1-2:2006 Smouldering Cigarette and Match test, and can be classified as 'Low Hazard'.

Tests: Subcontracted Test

Authorised By: Z. Wells

Issue Date: 25th April 2017

UK Deputy Operations Manager
Z. Wells



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BS 7176:2007 + A1:2011

Test Request

The sample supplied is a woven fabric and has been tested to BS 7176:2007 + A1:2011 using BS EN 1021-1-2:2006 Smouldering Cigarette and Match Ignition (Low Hazard)

Fibre Identification

Reputed Fibre Composition: Unknown

Pre Treatment

The sample for Cigarette and Match was cleansed using a water-soak procedure at $40\pm 1^{\circ}\text{C}$ as described in BS 5852:2006, Annex E and then line dried.

Conditioning

The sample for Cigarette and Match was conditioned at ambient conditions, followed by conditioning in a standard atmosphere having a temperature of $23\pm 2^{\circ}\text{C}$ and a relative humidity of $50\pm 5\%$ r.h for a minimum of 24 hours.

Comments on the Results

The fabric sample supplied meets the requirements of BS EN 1021-1-2:2006 Smouldering Cigarette and Match test, and can be classified as 'Low Hazard'.

Results

'The following test results relate only to the ignitability of the combination of materials under the particular conditions of the test, they are not intended as a means of assessing the full potential fire hazard of the materials in use.'

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Cigarette Test

Pass Criteria:

When two samples are tested no progressive smouldering or flaming is to be observed within 1 hour of placement of the cigarette. If the cigarette fails to smoulder to its complete length, the test is repeated in a new position not less than 50mm from the previous damage. No progressive smouldering is to be present in the final examination.

Specimen Number	Cigarette Ignition	
	1	2
Smouldering Time of the Cigarette	25mins 34secs	26mins 12secs
Smouldering	NPS	NPS
Flaming	N	N
Smoking	N	N
Afterglow	N	N
Cover Split	N	N
Final Examination	P	P

Match Test

Pass Criteria:

Disregard flaming or progressive smouldering which ceases within 120seconds of the removal of the burner tube.

Specimen Number	Match Test					
	1	Time	2	Time	3	Time
Smouldering	N	-	N	-	N	-
Flaming	N	-	N	-	N	-
Smoking	Y	6secs	Y	7secs	Y	6secs
Afterglow	N	-	N	-	N	-
Cover split	N	-	N	-	N	-
Final Examination	P	-	P	-	P	-

Please note that the fabric sample was tested over combustion-modified foam with a density of 35kg per M³.

Key:

Y=Yes N=No P=Pass F=Fail N/A= Not Applicable.