

DATE SUBMITTED: 04-APRIL-2016 DATE ISSUED: 20-APRIL-2016 REPORT NO: 36153 COMPANY ORDER NUMBER: Not Stated

CUSTOMER CONTACT NAME: TEL: FAX: EMAIL:

COMPANY:

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AGUA FABRICS HYDE HOUSE THE HYDE LONDON NW9 6LH

CUSTOMER SAMPLE DESCRIPTION FIBRE COMPOSITION: QUALITY / BATCH REF: SAMPLE DESCRIPTION: SAMPLE END USE: MANUFACTURER:

Not Stated Agua Fabrics Paint Pot Agua Fabrics Paint Pot Upholstery Agua Fabrics Ltd

## INTERNATIONAL MARITIME ORGANIZATION

The was carried out in accordance with ANNEX 1, PART 8 of the 2010 FTP CODE - Test Upholstered Furniture. Performance Criteria (Smouldering Cigarette & Flame Ignition Source Test)

## LAUNDERING PROCEDURE:

The Sample was tested following the appropriate conditioning requirements.

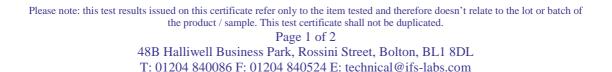
#### CONDITIONING PRIOR TO TESTING:

The materials to be tested and the cigarettes shall be conditioned immediately before the test for 72 h in indoor ambient conditions and then for at least 16 h in an atmosphere having a temperature of  $23 \pm 2^{\circ}$ C and a relative humidity of  $50 \pm 5\%$ .

Authorised signatures:

Signed:

Zeb Alam Technical Manager









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# **UPHOLSTERY FILLING FOR SMOULDERING CIGARETTE & MATCH FLAME:**

GRADE: APPROX DENSITY: APPROX HARDNESS RANGE: Non Fire - Retardant Foam  $20 - 22 \text{ kg per m}^3$ 130 N

SIZE OF TEST RIG: BACK JUNCTION: **SEAT JUNCTION:** 

PROCEDURE:

450+/-2 mm x 300+/-2 mm 450+/-2 mm x 150+/-2 mm

The sample was mounted over the foam described above using the test rig as specified in 2010 FTP Code Annex 1 Part 8 Clause 4 Apparatus

# **TESTING ENCLOSURE AND ATMOSPHERE:**

The samples were tested in a substantially draught-free environment, having a temperature of  $20 \pm 5^{\circ}$ C and a relative humidity of 20% to 70% the testing enclosure volume was greater than  $20m^3$ 

## SMOULDERING CIGARETTE USED

An untipped cigarette, complying with the following requirements: Length  $70 \pm 4 \text{ mm}$ Diameter  $8 \pm 0.5$  mm Mass  $0.95 \pm 0.15$  g Smouldering rate  $11 \pm 4.0 \text{ min}/50 \text{ mm}$ **REOUIREMENTS:** Ignition Source: **Smouldering Cigarette** Progressive Smouldering (detected within duration): 1 h after ignition of cigarette Flaming (detected within duration): 1 h after ignition of cigarette Butane Flame Ignition Source: Progressive Smouldering (maximum duration): 120 seconds after ignition of burner 120 seconds after ignition of burner Flaming (maximum Duration):

DATE OF TEST: 18-March-2016 Fire test carried out by: Zeb Alam

**RESULTS:** These results relate only to the ignitability of the combination of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use. Observation of test:

Ignition Sources		Position	Duration of		Special Features of Burning		Extent of damage to component			
							Vertical (mm)		Horizontal (mm)	
			Flames (minutes)	Smouldering (minutes)	Charring	Melting	Length	Width	Length	Width
Test 1	Cigarette	LHS	00.00	Failed to Smoulder	Yes	Yes	N/A	N/A	N/A	N/A
Test 2	Cigarette	RHS	00.00	Failed to Smoulder	Yes	Yes	N/A	N/A	N/A	N/A
Test 1	Flame	LHS	00.00	00.00	Yes	Yes	94	29	21	30
Test 2	Flame	RHS	00.00	00.00	Yes	Yes	70	27	23	24
LHS=Le	ft Hand Side	M= Middle	RHS= Righ	t Hand Side Toc :	= Top of Co	mposite				

### **COMMENTS & OBSERVATIONS:**

The sample tested complies with the flammability criteria of the FTP Code Annex 1 Part 8 Test Method for Ignitability by Smokers Materials of Upholstered Composites for seating.

#### **Cigarette Test: MEETS CRITERIA** Match Flame Test: **MEETS CRITERIA**

Please note: this test results issued on this certificate refer only to the item tested and therefore doesn't relate to the lot or batch of the product / sample. This test certificate shall not be duplicated. Page 2 of 2 48B Halliwell Business Park, Rossini Street, Bolton, BL1 8DL



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