

## FLAMMABILITY TEST REPORT

**Report No.:** LEHTX00597210    **Date Received:** 16/09/11    **Date Tested:** 22/09/11    **Date Issued:** 22/09/11

**Company Name & Address:** CAMIRA FABRICS LTD  
MELTHAM MILLS  
WEST YORKSHIRE  
HD9 4AY

**Contact Name:** PENDO BIGAMBO

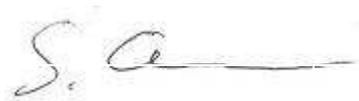
### Sample Details

Order No.: 38097  
Description: Not stated  
Style No.: HZANO0F400  
Batch No.: Not stated  
Quality: CRAGGAN  
Colour(s) : Not stated  
Supplier: Not stated  
Quoted fibre composition: Not stated  
End use: Upholstery  
Sample description: Grey and red coloured woven fabric

Test Method	Pre Treatment	Requirement	Result
BS EN 1021-1:2006 (Smouldering Cigarette)	None	As BS EN 1021-1:2006 (Smouldering Cigarette)	<b>NI (PASS)</b>
BS EN 1021-2:2006 (Match Flame Equivalent)	None	As BS EN 1021-1:2006 (Match Flame Equivalent)	<b>NI (PASS)</b>

The upholstery composite tested meets the performance requirements for resistance to ignition as detailed in the Low Hazard (Cigarette & Match) category of Table 1 of BS 7176: 2007.

**Note:** The customer requested that CMHR foam with an approximate density 35 kg/m<sup>3</sup> be used as the filling material



.....  
STEVEN OWEN  
(Chemical Technologist)

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CAROLE SPOWART  
(Flammability Technician)

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ANDREW WHITE  
(Quality Manager)

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SIMON CHEE  
(Analytical Lab Manager)

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### Test Specification

Test method: BS EN 1021-1:2006 (Smouldering Cigarette)  
BS EN 1021-2:2006 (Match Flame Equivalent)

### Foam Specification

Supplier / grade: Carpenters / RX36110 (As requested by the customer)  
Size: 450 x 300 x 75mm (back) & 450 x 150 x 75mm (seat)  
Density / Hardness: 35-37kg/m<sup>3</sup> / 105-115N

### Pre-treatment / Durability procedure

None

### Conditioning

Prior to testing: At least 24 hours in an atmosphere having a temperature of 23±2°C and a relative humidity of 50±5%  
At time of testing: Temperature between 10°C. and 30°C. and a relative humidity between 15% and 80%.

### Test Results

BS EN 1021-1:2006 (Smouldering Cigarette). Test 1:	The cigarette burnt out within 21 minutes, there was no flaming or progressive smouldering. <b>(Pass)</b>
BS EN 1021-1:2006 (Smouldering Cigarette). Test 2:	The cigarette burnt out within 23 minutes, there was no flaming or progressive smouldering. <b>(Pass)</b>
BS EN 1021-2:2006 (Match Flame Equivalent). Test 1:	Flaming ceased 8 seconds after removal of the burner, there was no progressive smouldering. <b>(Pass)</b>
BS EN 1021-2:2006 (Match Flame Equivalent). Test 2:	Flaming ceased 8 seconds after removal of the burner, there was no progressive smouldering. <b>(Pass)</b>
BS EN 1021-2:2006 (Match Flame Equivalent). Test 3:	Flaming ceased 9 seconds after removal of the burner, there was no progressive smouldering. <b>(Pass)</b>
<i>"The above test results relate only to the ignitability of the combinations 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."</i>	