

## FLAMMABILITY TEST REPORT

**Report No.:** LEHTX00526076    **Date Received:** 30/03/10    **Date Tested:** 08/04/10    **Issue Date:** 08/04/10

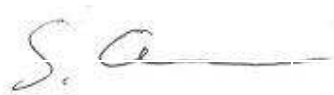
**Company Name & Address:** THOMAS KNEALE & CO LTD  
UNIT 6 ARBRY HOUSE  
PICCADILLY TRADING ESTATE  
MANCHESTER  
M12NP

**Contact Name:** FARRAH CUNNINGHAM

**Sample Details**

Customers description: FR Cellular Blanket  
Order no.: FR / CELL / YP  
Ref / style no.: FR / CELL / YP  
Quality: Not stated  
Supplier: YP  
Colour: White  
End Use: Not stated  
Quoted fibre composition: Not stated  
Fabric type: Woven  
Sample description: 1 piece white coloured woven fabric

Test Method	Pre Treatment	Flammability performance requirement	Result
BS 7175: 1989 Section 3, Ignition source 0 (Smouldering cigarette)	None	As BS 7175: 1989 Section 3, Ignition source 0 (Smouldering cigarette)	PASS
BS 7175: 1989 Section 3, Ignition source 5 (Crib 5)	None	As BS 7175: 1989 Section 3, Ignition source 5	PASS



STEVEN OWEN  
(Chemical Technologist)

CAROLE SPOWART  
(Flammability Technician)

ANDREW WHITE  
(Quality Manager)

SIMON CHEE  
(Analytical Lab Manager)

## FLAMMABILITY TEST REPORT

### Test Specification

Test method BS 7175: 1989  
Criterion of ignition: Section 3  
Ignition source 0 tested at Positions A (Top) and B (Between top and 2nd fold)  
Ignition source 5 tested at Positions A (Top) and B (Below the overhang)

---

### Pre-treatment

None

---

### Conditioning

Prior to testing: At least 72 hours in ambient indoor conditions, then at least 16 hours in an atmosphere having a temperature of  $20\pm 5^{\circ}\text{C}$  and a relative humidity of  $65\pm 5\%$

At time of testing: Temperature between  $15^{\circ}\text{C}$  &  $30^{\circ}\text{C}$ . Relative humidity between 35% & 75%

## FLAMMABILITY TEST REPORT

### Test results

“The following results relate only to the ignitability of the test specimen under the particular conditions of test and are not intended as a means of assessing the full potential fire hazard of the bed covers in use.”

Ignition Source		Specified time	Behaviour at specified time		Behaviour on dismantling		Ignited / Not ignited (I/NI)	Comments
Number	Position		Initial	Repeat	Initial	Repeat		
0	A	60 minutes after placement of the cigarette.	Cigarette burned out after 16 minutes and 38 seconds.	Cigarette burned out after 17 minutes and 18 seconds.	N/A	N/A	NI	Damage did not exceed the limits specified in BS 7175: 1989
0	B	60 minutes after placement of the cigarette.	Cigarette burned out after 21 minutes and 29 seconds.	Cigarette burned out after 24 minutes and 41 seconds.	N/A	N/A	NI	Damage did not exceed the limits specified in BS 7175: 1989
5	A	10 minutes after ignition of the crib	Flaming cease 4 minutes and 28 seconds after crib ignition. Crib glowing ceased 10 minutes and 44 seconds after crib ignition.	Flaming ceased 3 minutes and 43 seconds after crib ignition. Crib glowing ceased 8 minutes and 42 seconds after crib ignition.	N/A	N/A	NI	Damage did not exceed the limits specified in BS 7175: 1989
5	B	10 minutes after ignition of the crib	Flaming ceased 3 minutes and 05 seconds after crib ignition. Crib glowing ceased 7 minutes and 11 seconds after crib ignition.	Flaming ceased 2 minutes and 51 seconds after crib ignition. Crib glowing ceased 8 minutes and 30 seconds after crib ignition.	N/A	N/A	NI	Damage did not exceed the limits specified in BS 7175: 1989

### Conclusions

The sample tested meets the flammability performance requirements of BS 7175: 1989 Section 3, Ignition source 0 (Smouldering cigarette). **PASS.**

The sample tested meets the flammability performance requirements of BS 7175: 1989 Section 3, Ignition source 5 (Crib 5). **PASS.**