

FLAMMABILITY TEST REPORT

Report No.: LEHTX00540775 Date Received: 15/07/10 Date Tested: 21/07/10 Issue Date: 21/07/10

Company Name & Address: THOMAS KNEALE & CO LTD
ARBRY HOUSE
UNIT 6
PICCADILLY TRADING ESTATE
MANCHESTER
M1 2NP

Contact Name: FARRAH CUNNINGHAM

Sample Details

Description: FR Polyester Duvet Cover
Order No.: FR/DV/QI
Ref/Style No.: FR/DV/QI
Colour(s): Blue
Supplier: Qi / KNLD
End use: FR Duvet Cover
Quoted fibre composition: Polyester
Fabric type: Woven
Sample description: Blue coloured woven fabric

Test Method	Pre Treatment	Flammability performance requirement	Result
BS 7175: 1989 Section 3, Ignition source 7 (Crib 7)	None	As BS 7175: 1989 Section 3, Ignition source 7	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 7 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±5°C and a relative humidity of 65±5%

At time of testing: Temperature between 15°C & 30°C. Relative humidity between 35% & 75%

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		
7	A	13 minutes after ignition of the crib	Flaming ceased 8 minutes and 50 seconds after crib ignition. Crib glowing ceased 15 minutes and 47 seconds after crib ignition.	Flaming ceased 7 minutes and 58 seconds after crib ignition. Crib glowing ceased 12 minutes and 13 seconds after crib ignition.	N/A	N/A	NI	Damage did not exceed the limits specified in BS 7175: 1989
7	B	13 minutes after ignition of the crib	Flaming ceased 9 minutes and 31 seconds after crib ignition. Crib glowing ceased 12 minutes and 48 seconds after crib ignition.	Flaming ceased 7 minutes and 39 seconds after crib ignition. Crib glowing ceased 13 minutes and 53 seconds after crib ignition.	N/A	N/A	NI	Damage did not exceed the limits specified in BS 7175: 1989

Conclusions

The sample meets the flammability performance requirement of BS 7175: 1989 Section 3, Ignition source 7. **PASS.**