

FLAMMABILITY TEST CERTIFICATE – 106430

COMPANY DETAILS: CAMIRA FABRICS LTD
THE WATERMILL, WHEATLEY PARK, MIRFIELD
WEST YORSHIRE, WF14 8HE

CONTACT NAME(S): LUKE RUSSEL
TEL: 03330324733
EMAIL: luke.russel@camirafabrics.com

DATE RECEIVED: 14/04/2023
DATE TESTED: 21/04/2023
DATE ISSUED: 24/04/2023
PO NUMBER: 83A22056

SAMPLE DESCRIPTION: RIVET + FR TREATMENT (G)
COLOUR: SPARK
QUALITY/BATCH REF: C15957
COMPOSITION: NOT STATED
MODEL NO: NOT STATED
SAMPLE END USE: UPHOLSTERY
MANUFACTURER: CAMIRA FABRICS
SUPPLIER/BUYER: NOT STATED

REQUIRMENT/CLASSIFICATION:

BS EN 13773: 2003 – Textiles and textile products – Burning behaviour – Curtains and drapes classification scheme

TEST METHODS:

BS EN 1101: 1996 – Burning behaviour of curtains & drapes. Detailed procedure to determine the ignitibility of vertically orientated specimens (Small flame)

BS EN 13772: 2011 – Textiles and textile products – Burning behaviour – Curtains & Drapes – Measurement of flame spread of vertically oriented specimens with large ignition source

PRE-TREATMENT:

The sample had not been subjected to any cleansing procedure prior to testing.

CONDITIONING:

The sample was conditioned for at least 24 hrs in a specified atmosphere at $20 \pm 2^{\circ}\text{C}$ and $65 \pm 5\% \text{ r h}$.

Authorised By:



Zeb Alam
Operations Director

Mark Jones
General Manager

Karen Brooks
Managing Director

Please note: The uncertainty of measurement is taken into account when stating conformance to the specification. The measured value(s) marked* are compared with the 'acceptance interval' which is determined by reducing the specification limits by the expanded test uncertainty $U_{k=2}$ (approximately 95% confidence interval). And providing all measured values are within the tolerance limits then such results are declared as "Pass". The Uncertainty budgets are stated for each test method and should be considered when results are on or close to the acceptance limits, and in such cases it should be noted that the risk of false acceptance or false rejection is $\leq 2.5\%$. Results outside these limits are declared as 'fail'. All test results issued on this report refer only to the item under test as supplied by the customer. This certificate shall not be reproduced, unless in its entirety, without written approval from IFS Laboratories Ltd. Textile Innovation House, 1 Lyons Road, Trafford Park, Manchester, M17 1RN T: 0161 50 50 650 E: technical@ifs-labs.com



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TEST RESULTS: BS EN 1101: 1996

| DIRECTION ↑ | | | DIRECTION → | | |
|-------------|------------------------|--------------|-------------|------------------------|--------------|
| TEST NUMBER | FLAME APPLICATION TIME | RESULT | TEST NUMBER | FLAME APPLICATION TIME | RESULT |
| 1 | 1s | Non-Ignition | 1 | 1s | Non-Ignition |
| 2 | 2s | Non-Ignition | 2 | 2s | Non-Ignition |
| 3 | 3s | Non-Ignition | 3 | 3s | Non-Ignition |
| 4 | 4s | Non-Ignition | 4 | 4s | Non-Ignition |
| 5 | 5s | Non-Ignition | 5 | 5s | Non-Ignition |
| 6 | 10s | Non-Ignition | 6 | 10s | Non-Ignition |
| 7 | 15s | Non-Ignition | 7 | 15s | Non-Ignition |
| 8 | 20s | Non-Ignition | 8 | 20s | Non-Ignition |
| 9 | 20s | Non-Ignition | 9 | 20s | Non-Ignition |
| 10 | 20s | Non-Ignition | 10 | 20s | Non-Ignition |
| 11 | 20s | Non-Ignition | 11 | 20s | Non-Ignition |
| 12 | 20s | Non-Ignition | 12 | 20s | Non-Ignition |

TEST RESULTS: BS EN 13772: 2011

| Test Criteria BEFORE CLEANSING | A | A | A | A | A | A |
|--|----------------|----------------|----------------|----------------|----------------|----------------|
| Specimen Direction: | ↑ | ↑ | ↑ | → | → | → |
| Application Time: | 10 | 10 | 10 | 10 | 10 | 10 |
| Flaming Duration: (seconds) | 42.42 | 27.35 | 21.46 | 20.16 | 43.17 | 22.56 |
| 1 st Marker thread Severed? | NO | NO | NO | NO | NO | NO |
| 3 rd Marker thread Severed? | NO | NO | NO | NO | NO | NO |
| Flaming Debris | NO | NO | NO | NO | NO | NO |
| Damage Length: (mm) | 139 | 126 | 113 | 134 | 134 | 146 |
| Result | CLASS 1 | CLASS 1 | CLASS 1 | CLASS 1 | CLASS 1 | CLASS 1 |

A = FACE SIDE / B = REVERSE SIDE

CLASSIFICATION

| CLASS | IGNITIBILITY | FLAME SPREAD |
|-------|-----------------------------------|---|
| 1 | Non Ignition according to EN 1101 | 1 st Marker thread not severed, no flaming debris, according to EN 13772 |
| 2 | Non Ignition according to EN 1101 | 3 rd Marker thread not severed, no flaming debris, according to EN 13772 |
| 3 | Non Ignition according to EN 1101 | 3 rd Marker thread severed, and/or flaming debris, according to EN 13772 |
| 4 | Ignition according to EN 1101 | 3 rd Marker threads not severed, and no flaming debris, according to EN 1102 |
| 5 | Ignition according to EN 1101 | 3 rd Marker threads severed, and/or flaming debris, according to EN 1102 |

CONCLUSION:

The sample supplied has achieved a **CLASS 1** in accordance with BS EN 13773: 2003

Please note: The uncertainty of measurement is taken into account when stating conformance to the specification. The measured value(s) marked* are compared with the 'acceptance interval' which is determined by reducing the specification limits by the expanded test uncertainty $U_{k=2}$ (approximately 95% confidence interval). And providing all measured values are within the tolerance limits then such results are declared as "Pass". The Uncertainty budgets are stated for each test method and should be considered when results are on or close to the acceptance limits, and in such cases it should be noted that the risk of false acceptance or false rejection is $\leq 2.5\%$. Results outside these limits are declared as 'fail'. All test results issued on this report refer only to the item under test as supplied by the customer. This certificate shall not be reproduced, unless in its entirety, without written approval from IFS Laboratories Ltd. Textile Innovation House, 1 Lyons Road, Trafford Park, Manchester, M17 1RN T: 0161 50 50 650 E: technical@ifs-labs.com

