

FLAMMABILITY TEST CERTIFICATE – 94457

COMPANY DETAILS: SMD CONTRACTS
SMD GROUP LTD, UNIT F2, PITTMAN WAY, FULWOOD,
PRESTON, PR2 9ZD

DATE RECEIVED: 27/11/2021
DATE TESTED: 03/12/2021
DATE ISSUED: 06/12/2021
PO NUMBER: NOT STATED

SAMPLE DESCRIPTION: BRIAR
COLOUR: CHARCOAL
MODEL REF: NOT STATED
QUALITY/BATCH REF: 118584
COMPOSITION: 100% POLYESTER IFR
SAMPLE END USE: CONTRACT DRAPERY
MANUFACTURER: NOT STATED
SUPPLIER/BUYER: SMD HOLDINGS LTD

PERFORMANCE REQUIRMENT:

BS 5867-2: 2008 Type B – Flammability requirements specification – Fabrics for curtains, drapes and window blinds.

TEST METHOD:

BS EN ISO 15025: 2002 Procedure A (Surface Ignition) – Protective clothing – Protection against heat and flame.
Methods of test for limited flame spread.

PRE-TREATMENT:-

One set of six specimens had been subjected to 12 wash cycles in accordance with BS EN ISO 15028: 2002 Standard then line dried.

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
Quality 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). Results outside these limits are declared as 'fail'. All test results issued on this certificate refer only to the item under test as supplied by the customer. This test certificate shall not be duplicated. 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:

BEFORE CLEANISNG:

| Test Criteria | 1 | 2 | 3 | 4 | 5 | 6 |
|-------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Specimen Direction: | ↑ | ↓ | ↑ | ← | → | ← |
| Application Time: | 15 | 15 | 15 | 15 | 15 | 15 |
| Hole formed: (Y/N) | YES | YES | YES | YES | YES | YES |
| Hole reached the edge: (Y/N) | NO | NO | NO | NO | NO | NO |
| Flame reached the edge: (Y/N) | NO | NO | NO | NO | NO | NO |
| Flaming Debris: (Y/N) | NO | NO | NO | NO | NO | NO |
| Damage Length: (mm) | 70 | 65 | 70 | 54 | 40 | 50 |
| Damage width: (mm) | 18 | 36 | 50 | 20 | 20 | 20 |
| Test Result | PASS | PASS | PASS | PASS | PASS | PASS |

AFTER CLEANISNG:

| Test Criteria | 1 | 2 | 3 | 4 | 5 | 6 |
|-------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Specimen Direction: | ↑ | ↓ | ↑ | ← | → | ← |
| Application Time: | 15 | 15 | 15 | 15 | 15 | 15 |
| Hole formed: (Y/N) | YES | YES | YES | YES | YES | YES |
| Hole reached the edge: (Y/N) | NO | NO | NO | NO | NO | NO |
| Flame reached the edge: (Y/N) | NO | NO | NO | NO | NO | YES |
| Flaming Debris: (Y/N) | NO | NO | NO | NO | NO | NO |
| Damage Length: (mm) | 40 | 40 | 90 | 40 | 40 | 43 |
| Damage width: (mm) | 20 | 18 | 50 | 20 | 20 | 18 |
| Test Result | PASS | PASS | PASS | PASS | PASS | PASS |

PASS/FAIL CRITERIA:

No Part of any hole nor any part of the lowest boundary of any flame shall reach the top edge or either vertical edge of the sample. If any part of any hole or any part of the lowest boundary of any flame, reaches the top edge or either vertical edge, or if there is any separation of any flaming debris droplets in the testing of one specimen, a further six specimens must be tested and comply with the above requirements, the fabric shall be deemed to conform to the requirements of type B of BS 5867-2

CONCLUSION:

The sample supplied **meets** the type B performance requirement of BS 5867-2: 2008 when tested in accordance with BS EN ISO 15025: 2002 Procedure A (Surface Ignition) Before & After 12 wash cycles.

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END OF REPORT

