

DATE SUBMITTED: 28-NOVEMBER-2005  
DATE ISSUED: 02-DECEMBER-2005  
REPORT NO: 6963  
COMPANY QUALITY: CME



Testing Services  
and Support



CUSTOMER CONTACT NAME:  
TEL:  
FAX:

DR DAVID KING  
01773 835721  
01773 835563

COMPANY:

RECTICEL MANUFACTURING LTD  
BLUEBELL CLOSE  
CLOVER NOOK INDUSTRIAL PARK  
ALFRETON  
DERBYSHIRE  
DE55 4RD

**FIRE TEST REQUESTED:**

Confidential Report)  
BS 5852: 1982 Part 2 ignition source 5 in accordance with Schedule 1 Part 1 (flammability test for foam in slab form) of the Statutory Instruments No. 1324 Consumer Protection The Furniture & Furnishings (Fire) (Safety) Regulations 1988

**SAMPLE SUBMITTED:** Recticel Combustion Modified Polyether Foam, CME28H Run 1772, Supplied by Recticel Manufacturing Ltd

**TEST ASSEMBLY**

After the requisite conditioning period (72 h in indoor ambient & 72 least 16 h at 20 +/- 5 °C and 50 +/- 20% v/v) the tests were carried out on the combustion modified foam (cell size) & mounted on the large test rig as specified in BS 5852 Part 2 1982 clause 6) The mounted foam was covered with a standard FR polyester cover fabric of plain weave as specified in the Furniture & Furnishings (Fire) (Safety) Regulations using ignition source 5 wooden crib with a mass of 16.9grams for Test No 1 & 16.9grams for Test No 2

**TEST CRITERIA:** As per Schedule 1 Part 1 fire test for foam in slab form specified in the Furniture & Furnishings (Fire) (Safety) Regulations 1988 No. 1324 including:-

- a. Flaming must not exceed 10 minutes from crib ignition.
  - b. Resultant mass loss must not exceed 60 grams.
- A burn through of the foam to its full thickness within the duration of the test is acceptable providing the results at a & b fully satisfy the test criteria.

**TEST RESULT NO 1**

All flames self extinguished at 3 minutes & 02 seconds.  
Final mass loss 44 grams. **PASS**  
Burn through (full thickness) of seat base only within the duration of the test.

**TEST RESULT NO 2**

All flames self extinguished at 3 minutes & 14 second.  
Final mass loss 42 grams. **PASS**  
Burn through (full thickness) of seat base only within the duration of the test.

Testing carried out By Zeb Alam 02<sup>nd</sup> December 2005

**COMMENTS**

The results obtained from the above test (slab foam) comply with the flammability requirements of Schedule 1 Part 1 fire test for foam in slab form as stated in The Furniture & Furnishings (Fire) (Safety) Regulations 1988 No. 1324 and the specified requirements of BS 5852 Part 2: 1982.

TEST 1: PASS (P5)  
TEST 2: PASS (P5)

**Solent Premier Foams**

Authorised signatures:

Signed:   
Zeb Alam  
Technical Manager

Signed:   
Karen Brooks  
Laboratory Manager

01204 340036  
01204 340524  
E-mail: info@ifs.co.uk