IFS Laboratories Limited

Test Certificate 142624

Report Details

Report Number 142624 - 1 **Service Requested** BS 5852: 2006 Clause 11 - S5 [Crib 5 Test]

Date Received 11-Nov-26 **Date Tested** 18-Nov-26 **Date Issued** 18-Nov-26

Customer Details

Company Name GABRIEL A/S

Customer Contact BENTE ELLINGSØE **Company Address** HJULMAGERVEJ 55, DK-9000 AALBORG

Customer Ref/PO

Sample Details - As Supplied by the Customer

Sample Description SELECT COL. 60005

Fibre Composition 85% WOOL 15% POLYAMIDE

Quality/Batch Ref

Colour

Sample End Use UPHOLSTERY

Model Ref **Manufacturer** GABRIEL A/S

Supplier / Buyer

Test Methods:

BS 5852:2006 Clause 11 (Source 5) – Methods of test for the assessment of the ignitibility of upholstered seating by smouldering and flaming ignition sources

Pre-Treatment:

The sample was not subjected to any cleansing procedure.

Conditioning:

The sample was conditioned for 72 hrs in ambient conditions then for at least 24 hrs in a specified atmosphere at 23 ± 2C and 50 ± 5% r h.

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Test Results

The Following test results relate only to the ignitibility of the combination of the materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

Test Criteria	Initial Test	Repeat Test
***Smoundering Ceased Within: [mins]**	1.45	2.00
Progressive Smouldering Criteria		
Filling Material Used:	GB 33-35	GB 33-35
4.1.1A: Displays unsafe escalating smouldering combustion, requires to be forcibly extinguished?	☐	☐
4.1.1C: Any test specimen that smoulders until it is essentially consumed	☐	☐
***4.1.1E: Detectable amounts of smoke, heat or glowing 60 mins after crib ignition?**	☐	☐
4.1.1F: On final inspection, any evidence of charring more than 100 mm in any direction (apart from upwards) from the original nearest position?	☐	☐
Flaming Criteria		
***Flaming Ceased: [mm:ss]**	3.54	4.03
4.2.1A: Displays unsafe escalating flaming combustion, requires to be forcibly extinguished?	☐	☐
4.2.1B: Any test specimen that burns until it is essentially consumed within the test duration	☐	☐
4.2.1C: Flame front reaches the lower margin, either side or passes through the full thickness?	☐	☐
***4.2.1E: Flaming continued for more than 10 minutes after the ignition of the crib?**	☐	☐
***4.2.1G: Any test specimen from which flaming debris causes an isolated floor fire that continues to flame for longer then 10 mins?**	☐	☐
Test Result	**PASS**	**PASS**

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Overall Result: PASS

The sample supplied meets the test criteria of BS 5852 : 2006 Clause 11

Authorised Signature:

J Furnival

John Furnival

Processing Manager

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 Uk=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 ≤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

END OF REPORT

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