



Permits is a trading name of Textiles F.R. Ltd.

Textiles F.R. Limited
Flame Retardancy Finishers & Consultants

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Test Report & Certificate

UKAS TESTING LABORATORY No.1413

British Standard Flammability Test Document: 18499

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BS5852:Part 1:1979:Source 0

Smouldering Cigarette

Customer Account: SAH003
SAHCO HESSLEIN GMBH
& CO KG
KREUZBURGER ST 17-19
D-90471 NURNBERG
GERMANY

Order Details
TFR Order No : 218166
Customer Order : 1158765
Order Date : 20/01/2015
Fabric Description : 2683-01 ASSAM
Fabric Composition :
Quantity (metres) : 1.6

Sample Conditioning : Test specimens were maintained for at least 72 hours at indoor ambient temperature & humidity prior to introduction to the conditioning room for 16 hours with an environment of 20°C +/- 5°C and Relative Humidity 50% +/- 20%
Test Enclosure Conditions : Temperature 20 °C Relative Humidity 63 %
Cleansing Procedure : None Specified
Fabric Treatment : Sample tested in an as received state
Filling materials used in composite : Non-combustion modified foam (approximate density 22kg/cubic metre) Polyester interliner

Test Procedure:
The test sample of dimension 800mm (warp) x 650mm (weft) was exposed to two smouldering cigarettes placed between the test assembly seat & back. Observations were made of any combustion activity.

Report Notes:
The following results relate only to the ignitability of the combination of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials when in use.

Table with 3 columns: OBSERVATIONS, Replicate 1, Replicate 2. Rows include Unsafe escalating combustion, Test assembly consumed, Smoulders to extremities, etc.

Comments:

COMPLIANCE REQUIREMENTS: No escalating smouldering or flaming combustion behaviour so that it is unsafe to continue the test and forcible extinction is required. No smouldering or flaming one hour of the placement of the cigarette. No production of externally detectable amounts of smoke, heat or glowing 60 minutes after placing the cigarette. No smouldering of test specimen filling to its full thickness. No evidence of progressive smouldering on final examination or that the specimen is essentially consumed or smoulders to its extremities.

Specimen complied with the requirements for BS5852:Part 1:1979:Source 0

Conducted by : Mr.P. TAYLOR
Laboratory Technician
Authorised by: Miss K. BUTTON
Office Manager

Handwritten signature in blue ink.

Date 26/01/2015
Date 26/01/2015