

Our Ref: SW/LS/RM

05 November 2018

Report 331860

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Chieftain Fabrics
Fair Green
Trim
Co. Meath
Ireland

Contact: Sinead Doyle

DATE RECEIVED	:	30 OCTOBER 2018
FABRIC SUPPLIER	:	CHIEFTAIN FABRICS
QUALITY REFERENCE	:	CHIEFTAIN PASHA
REPUTED FIBRE CONTENT	:	100% COTTON
FABRIC DESCRIPTION	:	COATED
COLOUR/DESIGN	:	GREY
STYLE NUMBER	:	PVC & PU
END USE	:	CONTRACT UPHOLSTERY
ORDER NUMBER	:	SINEAD

REQUEST: BS 5852:2006 "Methods of Test for the Assessment of the ignitability of upholstered seating by smouldering and flaming ignition sources" using ignition source 5 (wood crib)

COMMENTS: The sample met the performance requirements of BS 5852:2006 Ignition Source 5.



S. WISEMAN
LABORATORY DIRECTOR



L. SMITH
FLAMMABILITY TECHNICIAN

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FIRE TESTS ACCORDING TO BS 5852:2006. Methods of Test for the Assessment of the ignitability of upholstered seating by smouldering and flaming ignition sources.

Conditioning

Prior to testing in the as received state, the sample was placed in indoor ambient conditions for 72 hours and then conditioned for 24 hours in an atmosphere having a temperature of $23 \pm 2^{\circ}\text{C}$ and a relative humidity of $50 \pm 5\%$.

Procedure

Specimens of Fabric, Ref: Chieftan Pasha were mounted over fillings of combustion modified high resilience foam of density about 36 Kg/m^3 , and tests were made using ignition source 5. Pass classifications were assigned if the performance requirements stated below were met.

Requirements

<u>Ignition Source No.</u>	<u>Maximum duration allowed for progressive smouldering</u>	<u>Maximum duration allowed for flaming</u>
5	60 min after ignition of wood crib	10 min after ignition of wood crib

The following test results relate only to the ignitability of the combination of upholstery composites (BS5852: 2006, Clause 11) under the particular conditions of test stated; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

They also only relate to the materials tested. They do not guarantee to represent the performance of production materials.

	Test 1	Test 2
Result designation	Pass	Pass
Time of Flame Extinction (min/secs)	3.28	3.32

Comments

The sample met the performance requirements of BS 5852:2006 Ignition Source 5.