

8250 Micro Tweed was tested and met the following flammability requirements:

CA TB 117-2013

IMO FTPC 8.3.1 and 8.3.2

certificate of testing

client Designtex
200 Hudson St
9th Floor
New York, NY 10013
product identification 8250 Micro Tweed

test method performed smolder resistance of materials used in upholstered furniture – section 1: cover fabrics
california technical bulletin 117: 2013 (january 2019 revision)
date of test 7.19.2022

test results

specimen	char length (in.)	extinguished <45 min (y/n)
1	0.5	y
2	0.5	y
3	0.5	y

notes

test conditions 70 ±3.5°F, 50 ±5% relative humidity requirement: 21 ±3°C, less than 55% relative humidity
sampling as received
ignition source srm1196a
deviations none

acceptance criteria

- pass
 - vertical char length ≤1.8 inches (45mm)
 - smoldering extinguishes within 45 minutes
 - no transition to open flaming
- fail
 - vertical char >1.8 inches (45mm)
 - smoldering beyond 45 minutes
 - specimens transition to open flaming
- retest
 - if only one of the three initial specimens fail, retest an additional three specimens
 - if all three additional specimens pass the test, the cover fabric passes the test
 - if any one of the additional three specimens fail, the cover fabric fails the test

classification

based upon the test results and acceptance criteria listed above, the product identified is a

- ☒ pass
- ☐ fail
- ☐ requires retesting

certification statement by signing below, the lab certifies that the results were obtained after testing specimens submitted by the client in accordance to the procedures and equipment specified by the standard stated above.

approved by: 

Our Ref: LAS/RM

04 June 2024

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DesignTex
200 Hudson St, 9th Floor
New York
NY 10013
USA

Contact: Liz Sanzari

DATE RECEIVED	:	29 MAY 2024
DATE TESTED	:	04 JUNE 2024
QUALITY REFERENCE	:	MICRO TWEED
REPUTED FIBRE CONTENT	:	70% RECYCLED WOOL, 20% PL,
	:	5% PA, 5% PC
FABRIC DESCRIPTION	:	WOVEN
END USE	:	DOMESTIC/ CONTRACT UPHOLSTERY

REQUEST: IMO FTP Code 2010 – International Code for Application of Fire Test
Procedures Annex I: Part 8 – Test for Upholstered Furniture

RESULT: The sample submitted, when tested as described, complies with the
requirements of the IMO FTP Code 2010 Annex 1: Part 8



R. MASKILL
FLAMMABILITY TECHNOLOGIST



L. SMITH
QUALITY COORDINATOR

This report shall not be reproduced except in full without written approval of Eurofins MTS Consumer Product Testing UK Limited. In all circumstances results of tests are implied as referring only to the sample supplied and should not be construed or interpreted on any other basis. The comments given in the report are for guidance only and are not a part of the results. Where specified in a test method preconditioning in accordance with ISO 139 is not carried out as samples are exposed to the conditioning atmosphere specified within ISO 139 for a minimum of 16 hours prior to test.



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**IMO FTP Code 2010 – International Code for Application of Fire Test Procedures
Annex I: Part 8 – Test for Upholstered Furniture**

Procedure

Specimens were tested in the 'as received' condition after being conditioned for 72 hours in an indoor ambient atmosphere followed by a minimum of 16 hours in an atmosphere of $(23 \pm 2)^{\circ}\text{C}$ and $(50 \pm 5)\%$ relative humidity.

Tests were made in accordance with part 8 of the 2010 FTP code. The specimens were mounted over filings of non-flame-retardant polyurethane foam with a density of approximately $20\text{-}22\text{ kg/m}^3$. The smouldering cigarettes used were NIST standard reference material 1196a reduced to $(70 \pm 4)\text{mm}$ in length.

Requirements

Smouldering
Cigarette

No flaming or progressive smouldering shall be observed within 1 hour after the placement of the smouldering cigarettes.

Flame Ignition
Source

All flaming and smouldering shall cease within 120 seconds after the removal of the flaming ignition source.

Results

The results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

Parameter – Smouldering Cigarette	Test 1	Test 2	Outcome
Progressive smouldering observed within 1 hr	No	No	Pass
Extent of damage to the specimen [mm]	15 (Vertically)	12 (Vertically)	

Parameter – Flaming Ignition	Test 1	Test 2	Outcome
Duration of flaming [sec]	1	1	Pass
Smouldering observed after 120 seconds	No	No	
Extent of damage to the specimen [mm]	75 (Vertically)	73 (Vertically)	

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Decision rules

The decision rule applicable to statements of conformity relating to the test(s) carried out is simple acceptance based on the measured test results not falling within a range either side of a specified limit that is equal to the uncertainty of measurement for the parameter measured (based on 95% confidence levels). In all other regards, the decision rule is based on simple acceptance predicated upon the conditions of testing falling within the criteria for test set out in the test method with a conformance probability of 95%. The risk of false accept or false reject is therefore not greater than 2.5%.

Uncertainty of measurement:

Timings	$\pm 0.4s$
Dimensions	$\pm 0.5mm$

