

Declaration Of Conformity

Brand : Senses Akustik

Product : Plush

Fire Rating on component level

Felt

ASTM E84 : Test for Surface Burning characteristics of building materials

Test Standard: ASTM E84

Flame Spread Index: Class 1 or A

Smoke Developed Index: Class 1 or A

Ref. Test Report No.: D220110026/D220110026-11

AS/NZS 1530.3:1999 : Fire test on Building Materials, Components and Structures, Part 3: Simultaneous determination of Ignitability, Flame Propagation, Heat Release and Smoke Release.

Test Standard: AS/NZS 1530.3:1999

Test	Regulatory Indices
Ignitability Index (Range 0-20)	0
Spread of Flame Index (Range 0-10)	0
Heat Evolved Index (Range 0-10)	0
Smoke Developed Index (Range 0-10)	2

Ref. Test Report No.: MAN: HL:1548003632

BS EN 13501-1: 2018 : Fire classification of construction products and building elements -Part 1

Test Standard: BS EN 13501-1: 2018

Test Results: Classification- B, s1, d0

Ref. Test Report No.: MAN: HL:1548005009-2

Fabric

CAT- A+
BS 5852 Part 1: 1979 : BS 5852 Ignition Source 0 & 1
 Method of Test for the Ignitability by smokers' material of Upholstered Composites for Seating
Test Standard: BS 5852 Part 1: 1979
Cigarette Test (Ignition Source 0): Result-Pass
 Observation: No flaming or progressive smouldering was observed within 60min of the placement of the cigarettes.

Match Test (Ignition Source 1): Result-Pass
 Observation: The flaming ceased within 120 sec after the removal of the burner tube and no progressive smouldering was observed.
 Ref. Test Report No.: 423681

CAT- A
BS 5852 Part 1: 1979 : BS 5852 Ignition Source 0 & 1
 Method of Test for the Ignitability by smokers' material of Upholstered Composites for Seating
Test Standard: BS 5852 Part 1: 1979

The Cigarette Test

	Cigarette 1	Cigarette 2
Clause 9.2.3:		
Evidence of Progressive Smoldering / Flaming or Afterglow	No	NO
Cover Splitting	Yes	Yes
Clause 9.4:		
Any Internal Progressive Smoldering during the Final Examination	No	No
Test Result	Pass	Pass

The Match Test

	Match 1	Match 2
Clause 9.3.4:		
Evidence of Progressive Smoldering / Flaming or Afterglow	No	NO
Cover Splitting	No	No
Clause 9.4:		
Any Internal Progressive Smoldering during the Final Examination	No	No
Test Result	Pass	Pass

Ref. Test Report No.: 187662

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CAT- B
AS/NZS 1530.3:1999

Methods for Fire Test on Building Materials, Components, and Structures
Part 3: Simultaneous determination of Ignitability, Flame Propagation, Heat Release and Smoke Release.

Test Standard: AS/NZS 1530.3:1999

Test	Regulatory Indices
Ignitability Index (Range 0-20)	10
Spread of Flame Index (Range 0-10)	0
Heat Evolved Index (Range 0-10)	2
Smoke Developed Index (Range 0-10)	5

Ref. Test Report No.: 19-001329

CAT- C ASTM E84

: Test for Surface Burning Characteristics of Building Materials

Test Standard: ASTM E84

Flame Spread Index: Class 1 or A

Smoke Developed Index: Class 1 or A

Ref. Test Report No.: 12-03152

CAT- D

: FlameResistance

FMVSS-302

CA TB 117-2013 (Section 1-Cover Fabric)

NFPA 260

UFAC Class 1

CAT- E

: **Test Standard:** BS EN 13501-1

Result: the result from our in-house test gave a satisfactory PASS

BS EN 13501-1: Class C s3, d2

Certificate No.: 7247-S

Acoustic Foam (Polyurethane)

CA TB 117-2013

: Testing the Smolder Resistance of Materials Used in Upholstered Furniture

Test Standard: CA TB 117-2013 Section III

Result: CAL117 Compliant

Ref. Test Report No.: (6719)235-0725

BS 5852 Part 2: 1982

: Flammability Test: Ignition Source 5 (Wood Crib)

Test Standard: BS 5852 Part 2: 1982

Result: Pass

Ref. Test Report No.: MAN: TR:1053012746

Plywood

IS 5509:2000

: Fire Retardant Test
Test Method: IS 1734 (Part 3): 1983
Test Requirements: IS 5509:2000

Test	Results	Requirements IS 5509:2000 with Amd. -3 Reaff.2015
Flammability	47 min	cl.12.3.1: The time taken for the second ignition shall not be less than 30 min.
Flame Penetration	67 min	cl.12.3.2: The time taken for flame penetration shall not be less than 15 min for every 6mm thickness.
Rate of Burning	28 min	cl.12.3.3: The time taken to lose weight from 30 to 70% shall not be less than 20 min.

Ref. Test Report No.: PTL/GEN/000361

Acoustic NRC

: Plush (Common for all patterns)