

Third Party Test Report

DATE: March 17, 2022 **FILE:** CLEANB.A030322C
CLIENT: CleanBrands, LLC **ATTN:** Sam Farese
240 Bald Hill Road
Warwick, RI 02886

SAMPLE IDENTIFIED BY CLIENT AS:

Mattress Encasement Submitted
Style: CleanRest PRO - Mattress Encasement
Size: Twin
Color White

TEST PROCEDURES:

TEST RESULTS:

FLAMMABILITY TEST REPORT 2010 IMO FTP

TEST SUMMARY:

<u>TEST METHOD:</u>	<u>PERFORMANCE REQUIREMENT:</u>	<u>RESULT:</u>
FTP Code - Annex 1, Part 9, IMO Resolution A.688 (17) Clause 5.5.1 (Smouldering Cigarette Test):	IMO Resolution A.688 (17) Clause 6	Pass
FTP Code - Annex 1, Part 9, IMO Resolution A.688 (17) Clause 5.5.2 (Propane Flame Test):	IMO Resolution A.688 (17) Clause 6	Pass

NOTE: The sample was tested over a 450mm x 350mm x 50mm mineral wool fibre pad as detailed in clause 5.2.2 of IMO Resolution A.688 (17).

Third Party Test Report

FILE: CLEANB.A030322C
SAMPLE IDENTIFIED BY CLIENT AS:
Mattress Encasement Submitted
Style: CleanRest PRO - Mattress Encasement
Size: Twin
Color White

TEST SPECIFICATION:

Test method: IMO Resolution A.688 (17) Clause 5.5.1
(Smouldering Cigarette)

Criterion of ignition: NIST SRM 1196 Standard Cigarette for Ignition
Resistance Testing

Position of ignition source: On top as stated in clause 5.2.7 of IMO Resolution
A.688 (17)

Cotton wool pad specification: As per clause 5.2.7 of IMO Resolution A.688 (17)

CONDITIONING:

Prior to testing: At least 72 hours in ambient indoor conditions, then
at least 16 hours in an atmosphere having a temperature
of 23±2°C and a relative humidity of 50±5%.

At time of testing: Temperature between 15°C & 25°C. Relative humidity
between 35% & 75%.

TEST RESULTS:

"The following test results relate only to the ignitability of materials under the
particular conditions of test. They are not intended as a means of assessing the full
potential fire hazard of the bedding item in use."

	<u>ON TOP (INITIAL TEST):</u>	<u>ON TOP (REPEAT TEST):</u>
PROGRESSIVE SMOULDERING IGNITION:		
Escalating smouldering rendered the test unsafe to continue and required forcible extinction:	No	No
Smouldering essentially consumed the test specimen within the duration of the test:	No	No
Externally detectable amounts of smoke, heat or glowing 60 minutes after the placement of the cigarette:	No	No
Smouldering progressed to any extremity of the test specimen:	No	No

Third Party Test Report

FILE: CLEANB.A030322C
SAMPLE IDENTIFIED BY CLIENT AS:
Mattress Encasement Submitted
Style: CleanRest PRO - Mattress Encasement
Size: Twin
Color White

TEST RESULTS (CONT'D):

ON TOP (INITIAL TEST):

ON TOP (REPEAT TEST):

FLAMING IGNITION:

Flaming initiated by the smouldering cigarette was observed:

No

No

FINAL EXAMINATION:

Progressive smouldering was observed when the sample was dismantled:

No

No

Evidence of smouldering other than discoloration more than 25mm in any horizontal direction from the nearest part of the original position of the edge of the cotton wool pad:

No

No

Time to extinction of flames after placement of the cigarette:

N/A

N/A

Time to extinction of smoke after placement of the cigarette:

< 20 minutes

< 20 minutes

Damage Width/Length (mm)

14 Width / 78 Length

19 Width / 76 Length

Ignition/Non Ignition

NI

NI

Third Party Test Report

FILE: CLEANB.A030322C
SAMPLE IDENTIFIED BY CLIENT AS:
Mattress Encasement Submitted
Style: CleanRest PRO - Mattress Encasement
Size: Twin
Color White

TEST SPECIFICATION:

Test method: IMO Resolution A.688 (17) Clause 5.5.2
(Propane Gas Flame)

Criterion of ignition: 6.38 + 0.25g/h propane gas flame

Position of ignition source: On top as stated in clause 5.5.2 of IMO Resolution A.688 (17)

CONDITIONING:

Prior to testing: At least 72 hours in ambient indoor conditions, then at least 16 hours in an atmosphere having a temperature of 23±2°C and a relative humidity of 50±5%.

At time of testing: Temperature between 15°C & 25°C. Relative humidity between 35% & 75%.

TEST RESULTS:

"The following test results relate only to the ignitability of materials under the particular conditions of test. They are not intended as a means of assessing the full potential fire hazard of the bedding item in use."

ON TOP (INITIAL TEST):

ON TOP (REPEAT TEST):

**PROGRESSIVE SMOULDERING
IGNITION:**

Escalating smouldering rendered the test unsafe to continue and required forcible extinction:	No	No
Smouldering essentially consumed the test specimen within the duration of the test:	No	No
Escalating flaming rendered the test unsafe to continue and required forcible extinction:	No	No
Smouldering progressed to any extremity of the test specimen:	No	No

Third Party Test Report

FILE: CLEANB.A030322C

SAMPLE IDENTIFIED BY CLIENT AS:

Mattress Encasement Submitted
Style: CleanRest PRO - Mattress Encasement
Size: Twin
Color White

TEST RESULTS (CONT'D):

ON TOP (INITIAL TEST):

ON TOP (REPEAT TEST):

FLAMING IGNITION:

Flaming initiated by the ignition source was observed:

Yes

Yes

Continued to flame for more than 150s after removal of the ignition source:

No

No

Continued to flame and consumed more than 66% of the test specimen within 150s after removal of the ignition flame:

No

No

Flaming progressed to either side of the test specimen:

No

No

FINAL EXAMINATION:

Progressive smouldering was observed when the sample was dismantled:

No

No

Evidence of smouldering other than discoloration more than 25mm in any horizontal direction from the nearest part of the original position of the edge of the cotton wool pad:

No

No

Time to extinction of flames after removal of the ignition source (seconds):

12.54

17.33

Time to extinction of smoke after removal of the ignition source:

< 1 minute

< 1 minute

Damage Width/Length (mm)

51 Width / 32 Length


29 Width / 33 Length

Ignition/Non Ignition

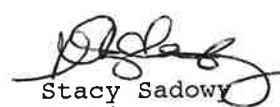
NI

NI

Signed For The Company By


Joseph Lin
Laboratory Manager




Stacy Sadowy
Quality Assurance Manager

CF/03