

Test Report

Report Number:
104283-3-BIT



**DANISH
TECHNOLOGICAL
INSTITUTE**

Gregersensvej 1
DK-2630 Taastrup
+45 72 20 20 00
info@teknologisk.dk
www.teknologisk.dk

Page 1 of 3
Init.: CHF/LELN
Order no.: 104283
Encl.: 2

Assignor: Protac A/S, Niels Bohrs Vej 31 D, DK-8660 Skanderborg

Item: Protac Ball duvet designated: 100-202-V-10-80 and 100-202-V-10-220-85
Detailed information is given in enclosure A.

Sampling: The assignor confirms having selected the product. The product was forwarded by the assignor and received at Danish Technological Institute on 14 October 2021.

Period: The test took place from 22 November 2021 to 4 November 2021.

Method: EN ISO 12952-1:2010, Textiles -Assessment of the ignitability of bedding items - Part 1: Ignition sources: smouldering cigarette.

Test results: According to the criteria of ignition described in EN ISO 12952-1, chapter 5, the result is:
Non-ignition > PASSES
The results are shown in enclosure A.

Terms: This test was conducted accredited in accordance with international requirements (ISO/IEC 17025:2017) and in accordance with the General Terms and Conditions of Danish Technological Institute. The test results solely apply to the tested item. This test report may be quoted in extract only if Danish Technological Institute has granted its written consent.

Place: Danish Technological Institute, Taastrup, Environmental Technology

Signature: This document is only valid with a digital signature from Danish Technological Institute. The date of issue appears from the digital signature.

Charlotte Fischer
Senior Consultant



DIGITALLY SIGNED DOCUMENT

5 November 2021

DANISH TECHNOLOGICAL INSTITUTE



DANAK

TEST Reg.no. 2



Materials

Item: Protac Ball duvet designated: 100-202-V-10-80 and 100-202-V-10-220-85

Build-up:

Cover: 100% Trevira CS

Filling: Mesh 100% Trevira CS

Filling: Eva Balls

Results

Before testing, the bedding item was washed five times and dried in accordance with the method 6M, F of ISO 6330:2012 Textiles - Domestic washing and drying procedures for textile testing.

Test method: EN ISO 12952-1:2010
 Test set-up: 11.3.5 Duvets
 Ignition source: Smouldering cigarette
 Conditioning: At least 72 h at 23±2 °C / 50±4 % RH

Test result: Non-ignition > PASSES

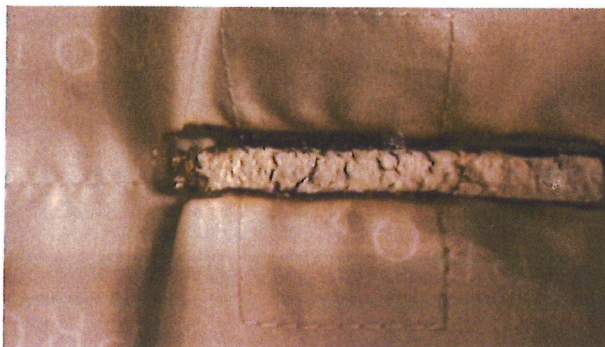
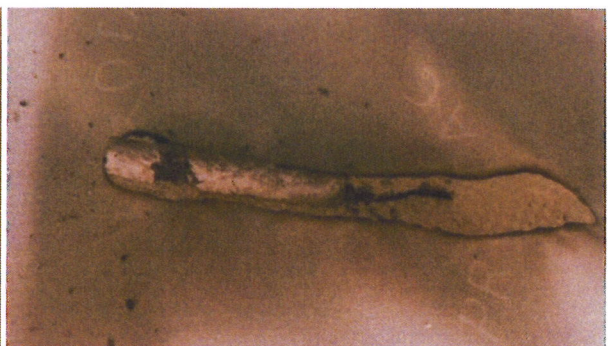
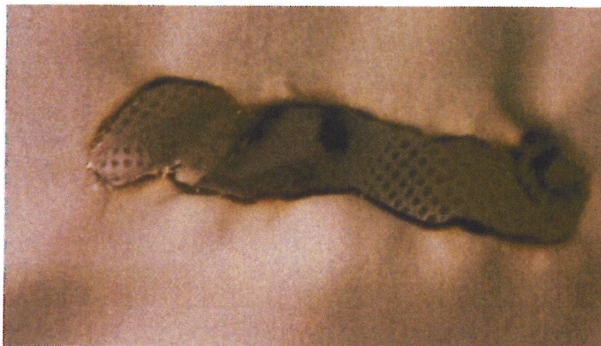
Application of cigarette:	Upper surface		Stitch		Beneath	
Progressive smouldering criteria						
Unsafe escalating combustion that requires forcible extinction (5.1.a)	No	No	No	No	No	No
Test item essentially consumed after a period of 1 h following the application of the smouldering cigarette (5.1.b)	No	No	No	No	No	No
Externally detectable amounts of smoke, heat or glowing, after a period of 1 h following the application of the (5.1.c)	No	No	No	No	No	No
In final examination, evidence of active smouldering (5.1.e)	No	No	No	No	No	No
Flaming ignition criteria						
Occurrence of flames (5.2)	No	No	No	No	No	No

The above test results relate only to the ignitability of the tested bedding item under the particular test conditions; they are not intended as a means of assessing the full potential fire hazard of the item in use.



Photos

Test of: Protac Ball duvet designated: 100-202-V-10-80 and 100-202-V-10-220-85



Test Report

Report Number:
104283-4-BI2



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INSTITUTE**

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+45 72 20 20 00
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Encl.: 2

Assignor: Protac A/S, Niels Bohrs Vej 31 D, DK-8660 Skanderborg

Item: Protac Ball duvet designated: 100-202-V-10-80 and 100-202-V-10-220-85
Detailed information is given in enclosure A.

Sampling: The assignor confirms having selected the product. The product was forwarded by the assignor and received at Danish Technological Institute on 14 October 2021.

Period: The test took place from 22 November 2021 to 4 November 2021.

Method: EN ISO 12952-2:2010, Textiles - Assessment of the ignitability of bedding items- Part 2: ignition source: match -flame

Test results: According to the criteria of ignition described in EN ISO 12952-2, chapter 5, the result is:
Non-ignition > PASSES
The results are shown in enclosure A.

Terms: This test was conducted accredited in accordance with international requirements (ISO/IEC 17025:2017) and in accordance with the General Terms and Conditions of Danish Technological Institute. The test results solely apply to the tested item. This test report may be quoted in extract only if Danish Technological Institute has granted its written consent.

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5 November 2021

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DANAK

TEST Reg.no. 2



Materials

Item: Protac Ball duvet designated: 100-202-V-10-80 and 100-202-V-10-220-85

Build-up:

Cover: 100% Trevira CS

Filling: Mesh 100% Trevira CS

Filling: Eva Balls

Results

Before testing, the bedding item was washed five times and dried in accordance with the method 6M, F of ISO 6330:2012 Textiles - Domestic washing and drying procedures for textile testing.

Test method: EN ISO 12952-2:2010
 Test set-up: 11.3.4 Duvets
 Ignition source: Match flame equivalent
 Conditioning: At least 72 h at 23±2 °C / 50±4 % RH

Test result: Non-ignition > PASSES

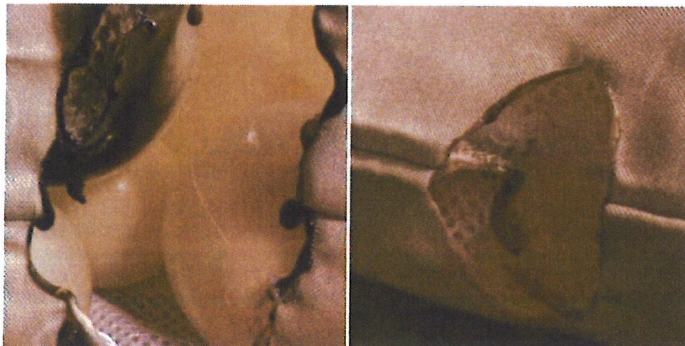
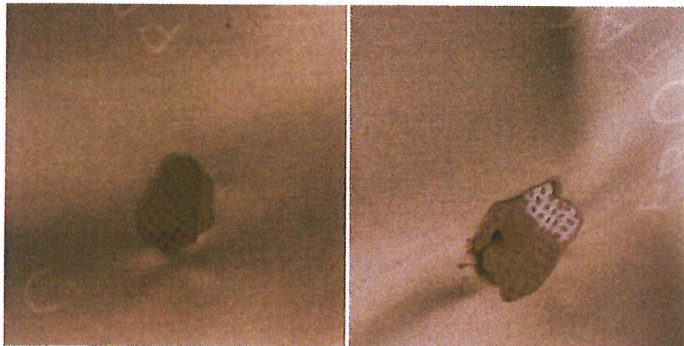
Application of flame:	Upper surface		Stitch		Beneath	
Progressive smouldering ignition criteria						
Unsafe escalating combustion that requires forcible extinction (5.1.a)	No	No	No	No	No	No
Test assembly smoulders until it is consumed within 15 min following the removal of the ignition source (5.1.b)	No	No	No	No	No	No
Externally detectable amounts of smoke, heat or glowing after a period of 15 min following the removal of the ignition source (5.1.c)	No	No	No	No	No	No
In final examination, evidence of active smouldering (5.1.d)	No	No	No	No	No	No
Flaming ignition criteria						
Unsafe escalating combustion that requires forcible extinction (5.2.a)	No	No	No	No	No	No
Test assembly that burns until it is consumed within the test duration (5.2.b)	No	No	No	No	No	No
Test specimen that continues to flame for more than 120 s after removal of the ignition source (5.2.c)	No	No	No	No	No	No

The above test results relate only to the ignitability of the tested bedding item under the particular test conditions; they are not intended as a means of assessing the full potential fire hazard of the item in use.



Photos

Test of: Protac Ball duvet designated: 100-202-V-10-80 and 100-202-V-10-220-85



CERTIFICATE

Firma

Protac A/S
Niels Bohrs Vej 31D
8660 Skanderborg, DENMARK

Bevilliges i henhold til STANDARD 100 by OEKO-TEX®, på grundlag af rapport **310-05-06**, tilladelse til at benytte STANDARD 100 by OEKO-TEX® mærket



for følgende artikler:

PROTAC® Kugledyner med bolster af vævet stof i 100% bomuld i hvid og farvet eller 100% Trevira CS® (PES FR) farvet og trykt, med fyld af EVA-bolde i forskellige størrelser og vægt og/eller 100% polypropylen perler; inklusiv tilbehør som etiketter, lynlåse, sytråd og indlægspose; bolster og indlægspose er med eller uden flammehæmmende fibre accepteret af OEKO-TEX®

Kontrol udført i henhold til STANDARD 100 by OEKO-TEX®, **produkt klasse I** for babyartikler, har vist, at ovennævnte artikler opfylder standardens nugældende human-økologiske krav for STANDARD 100 by OEKO-TEX®, ifølge tillæg 4.

De certificerede artikler opfylder kravene i bilag XVII i REACH (herunder anvendelse af azo-farvestoffer, frigivelse af nikkel osv.), det amerikanske krav om totalindhold af bly i børneartikler (CPSIA, med undtagelse af tilbehør lavet af glas) og den kinesiske standard GB 18401:2010 (mærkningskravene blev ikke verificeret).

Indehaveren af certifikatet har ved at afgive en overensstemmelseserklæring i henhold til ISO 17050-1, forpligtiget sig til kun at benytte STANDARD 100 by OEKO-TEX® mærket for varer, der er i overensstemmelse med det typeprøvede eller kontrollerede materiale. Overensstemmelsen verificeres ved audits.

Dette certifikat 2076-310 er gyldigt indtil 30.04.2022

Taastrup, 01.06.2021

Anette Werner
Senior Consultant Textiles

