



Report VN720 137248.1 Test Report

Applicant

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Reference

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Application

Classification according to EN 1307 as well as castor chair suitability, suitability for use on stairs, resistance to fraying, static electrical propensity.

Test material

"ege tuft 650 wt"

Material used in testing was anonymized for laboratory purposes. A detailed sample list is contained in the report.

Issuing and Signatures

Number of pages contained: 9

Original Issue / Vienna 22.01.2018 / AA

Authorised for Institute
Ing. Hannes Vittek

A handwritten signature in blue ink, reading "i.V. Jambich", written over a horizontal dotted line.

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1 Order

1.1 Chronology

Date	Received	Order
19.12.2017	09.01.2018	Classification according to EN 1307 as well as castor chair suitability, suitability for use on stairs, resistance to fraying, static electrical propensity.

1.2 Samples

Nr.	Received	Sample Identification
1	09.01.2018	“ege tuft 650 wt”

(Unless otherwise stated samples are provided by the customer.)

2 Findings / Tests performed

2.1 Summarized test report

According to EN 1307 Annex B

Identification, basic information	
Productname	“ege tuft 650 wt”
Date	22.01.2018
Manufacturer / User	EGETAEPER A/S
Type of face side	Loop pile (reference according to B.2.2: A4)
Manufacturing procedure	Tufted (reference according to B.2.1: M5)
Backing	Textile backing (reference according to B.2.4: S10)
Type of floor covering	Pile carpet
Colouration	multicolored unpatterned (reference according to B.2.5: C3)
Dimensions	rolls
Fibres of pile	100 % Polyamide (according to the applicant)
Total mass	2552 g/m ²
Pile mass above the substrate	428 g/m ²
Total thickness	6,2 mm
Pile height	3,3 mm
Surface pile density	0,130 g/cm ³
Number of tufts or loops	1895 /dm ²
Vettermann-drum test, short time testing	4,5
Vettermann-drum test, long time testing	4,0
Basic requirements	fulfilled
Use class	
Classification of change in appearance	Class 33
Level of use classification	Class 33
Comfort-Class	LC2
Additional properties	
Castor chair suitability	suitable for intensive use
Stair suitability	suitable for intensive use
Body voltage from the walk test	-0,3 kV
Classification according to EN 14041:2004	antistatic

3 Findings / Tests performed

Tested sample

1

DESCRIPTION OF SPECIMEN textile floor coverings EN 1307 Manufacturing procedure Structure of face side Coloration of face side Type of backing Type of fibres at face side *) Description according to standard	tufted loop pile multicoloured unpatterned textile backing (nonwoven) 100 % Polyamide pile carpet according to EN 1307 *) According to the current version of the relevant European Directives, fiber materials with a mass percentage of < 2 % are not specified.
MASS PER UNIT AREA of textile floor coverings ISO 8543 Number of specimen Climatisation - Temperature [°C] - Rel. air humidity [%] Mass per unit area - Mean value [g/m ²] - Coefficient of variation [%] - Confidence interval (P = 95 %) abs. width [g/m ²]	4 20 65 2552 1,3 54
MASS PER UNIT AREA of textile floor coverings ISO 8543 Number of specimen Climatisation - Temperature [°C] - Rel. air humidity [%] Pile mass per unit area - Mean value [g/m ²] - Coefficient of variation [%] - Confidence interval (P = 95 %) abs. width [g/m ²]	4 20 65 428 1,8 12

Tested sample

1

THICKNESS of textile floor coverings ISO 1765 Number of specimen Climatisation - Temperature [°C] - Air humidity [%] Thickness - Mean value [mm] - Coefficient of variation [%] - Confidence interval (P = 95 %) abs. width [mm]	4 20 65 6,2 2,0 0,2
THICKNESS WEAR LAYER of textile floor coverings ISO 1766 Number of specimen Test atmosphere - Temperature [°C] - Air humidity [%] Shearing methode Thickness of wear layer - Mean value [mm] - Coefficient of variation [%] - Confidence interval (P = 95 %) abs. width [mm]	4 20 65 Sharp pointed knife 3,3 2,1 0,2
PILE DENSITY ISO 8543 Number of specimen Pile material Density of pile material [g/cm ³] Mass of pile per unit area [g/cm ²] Thickness of above the substrate pile [mm] Surface pile density [g/cm ³] Relative surface pile density [%]	4 100% Polyamide 1,14 428 3,3 0,130 11,4
NUMBER OF TUFTS OR LOOPS ISO 1763 Number of specimen Number of tufts or loops / 10 cm - in length direction - in cross direction Number of tufts or loops per dm ² Number of tufts or loops per m ²	4 39,4 48,1 1895 189500
FIBREBIND EN 1963 C Number of specimen Duration [turns] Appearance change compared to photostandard	4 400 better

<p>BASIC REQUIREMENTS of textile floor coverings EN 1307 Basic requirements - Floor covering with Pile (Loop pile) Colour fastness</p> <p>Fibre bind < 80 % natural fibres Loop pile - Fuzzing Judgement Basic requirements</p>	<p>1 Conformity has to be declared by the manufacturer for each colour</p> <p>better than photographs</p> <p>fulfilled</p>
<p>CHANGES IN APPEARANCE - drum test ISO 10361 Number of specimen Used scale Number of revolutions After 5 000 revolutions - Index of appearance change (Median) - Index of colour change (Median) - Main reasons for change After 20 000 revolutions - Index of appearance change (Median) - Index of colour change (Median) - Main reasons for change Damages by the treatment</p>	<p>2 ISO loop (ISO – A)</p> <p>4,5 5 structure</p> <p>4,0 4-5 structure none</p>
<p>CLASSIFICATION of textile floor coverings EN 1307 Classification of pile floor coverings Index of appearance change - Short time test - Long time test Classification of change in appearance Classification of overall use class Classification of luxury rating class</p>	<p>1</p> <p>4,5 4,0 33 33 LC2</p>

Tested sample

1

CASTOR CHAIR SUITABILITY of textile floor coverings EN 985 A Number of specimen Mounting of specimen Castors Used scale Test duration 5000 revolutions -Index of colour change [Grade] -Index of appearance change [Grade] Test duration 25000 revolutions -Index of colour change [Grade] -Index of appearance change [Grade] Castor chair index Damages by the treatment Suitable for castor chairs	2 double sided adhesive tape „SIGAN 2“ (UZIN UTZ AG) single swivel castor, type H ISO loop (ISO – A) 4,0 4 3,0 3 3,8 none suitable for intensive use
SUITABILITY FOR USE ON STAIRS EN 1963 B Number of specimen Median of appearance change in the edge area [Grade] Judgement	4 low appearance change suitable for intensive use
STATIC ELECTRICAL PROPENSITY - Walking test ISO 6356 Number of specimen Testing climate - Temperature [°C] - Air humidity [%] Base plate Sole-material Pretreatment Body-Voltage - supplied condition - Test 1 [kV] - Test 2 [kV] - Test 3 [kV] - Mean value [kV] - Judgement	1 23 25 Isolating rubbermat on metal plate XS-664P Neolite none -0,6 -0,2 -0,1 -0,3 antistatic

4 Remarks

Validity

There are no regulations concerning duration of validity in the individual test standards. As the results of the examinations refer only to the submitted and examined samples, the report is valid for these for an unlimited period. A period of validity specified as part of an expert evaluation is in the discretion of the consultant or the ÖTI.

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End of report