



Report VN720 128570.2 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 and static electrical propensity.

Test material

"Epoca Frame wt"

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

Issuing and Signatures

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Authorised for Institute
Ing. Hannes Vittek

A handwritten signature in blue ink, appearing to read "Vitteck", positioned above a horizontal dotted line.

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1 Order

1.1 Chronology

Date	Received	Order
24.03.2017	06.04.2017	Classification according to EN 1307 as well as castor chair suitability, suitability for use on stairs, resistance to fraying and static electrical propensity.

1.2 Samples

Nr.	Received	Sample Identification
1	06.04.2017	"Epoca Frame 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	"Epoca Frame wt"
Date	09.05.2017
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
Base	Woven fabric (reference according to B.2.3: P1)
Colouration	multicolored patterned (reference according to B.2.5: C2)
Dimensions	rolls
Fibres of pile	100% Polyamide (according to the applicant)
Total mass	2206 g/m ²
Pile mass above the substrate	468 g/m ²
Total thickness	6,0 mm
Pile height	3,2 mm
Surface pile density	0,146 g/cm ³
Number of tufts or loops	1407 /dm ²
Vettermann-drum test, short time testing	5,0
Vettermann-drum test, long time testing	4,5
Basic requirements	fulfilled
Use class	
Classification of change in appearance	Class 33
Level of use classification	Class 33
Comfort-Class	LC 2
Additional properties	
Castor chair suitability	suitable for intensive use
Stair suitability	suitable for intensive use
Fraying resistance	resistant to fraying
Body voltage from the walk test	-0,8 kV
Classification according to EN 14041	antistatic

DESCRIPTION OF SPECIMEN textile floor coverings EN 1307	
Number of specimen	1
Manufacturing procedure	tufted
Base structure of face side	loop pile
Coloration of face side	multicolored patterned
Type of backing	textile backing
Type of fibres at face side	100% Polyamide
Description according to standard	Pile carpet
MASS PER UNIT AREA of textile floor coverings ISO 8543	
Number of specimen	4
Climatisation	
- Temperature [°C]	20
- Rel. air humidity [%]	65
Mass per unit area	
- Mean value [g/m ²]	2206
- Coefficient of variation [%]	0,8
- Confidence interval (P = 95 %) abs. width [g/m ²]	27
MASS PER UNIT AREA of textile floor coverings ISO 8543	
Number of specimen	4
Climatisation	
- Temperature [°C]	20
- Rel. air humidity [%]	65
Pile mass per unit area	
- Mean value [g/m ²]	468
- Coefficient of variation [%]	0,3
- Confidence interval (P = 95 %) abs. width [g/m ²]	2
THICKNESS of textile floor coverings ISO 1765	
Number of specimen	4
Climatisation	
- Temperature [°C]	20
- Air humidity [%]	65
Thickness	
- Mean value [mm]	6,0
- Coefficient of variation [%]	0,6
- Confidence interval (P = 95 %) abs. width [mm]	0,1
THICKNESS WEAR LAYER of textile floor coverings ISO 1766	
Number of specimen	4
Test atmosphere	
- Temperature [°C]	20
- Air humidity [%]	65
Shearing methode	Sharp pointed knife
Thickness of wear layer	
- Mean value [mm]	3,2
- Coefficient of variation [%]	0,9
- Confidence interval (P = 95 %) abs. width [mm]	0,1

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 1,14 468 3,2 0,146 12,8
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 22,3 63,1 1407 140700
FIBREBIND EN 1963 C Number of specimen Duration [turns] Appearance change compared to photostandard	 4 400 Better than fotostandard
CHANGES IN APPEARANCE - drum test ISO 10361 Number of specimen Number of revolutions After 5 000 revolutions - Index of appearance change (Median) - Index of colour change (Median) - Main reasons for change - Index after colour correction (Median) - Index after colour correction (Mean value) After 20 000 revolutions - Index of appearance change (Median) - Index of colour change (Median) - Main reasons for change - Index after colour correction (Median) - Index after colour correction (Mean value) Damages by the treatment	 2 5,0 5 -- 5,0 5,0 4,5 4-5 colour 4,5 4,5 none
BASIC REQUIREMENTS of textile floor coverings EN 1307 Basic requirements - Floor covering with Pile (Loop pile) Colour fastness Fibre bind < 80 % natural fibres Loop pile - Fuzzing [better / worse] Judgement Basic requirements [fulfilled / not fulfilled]	 1 Conformity has to be declared by the manufacturer for each colour. Better than fotostandard fulfilled

<p>CLASSIFICATION of textile floor coverings EN 1307</p> <p>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>5,0 4,5 33 33 LC2</p>
<p>CASTOR CHAIR SUITABILITY of textile floor coverings EN 985 A</p> <p>Number of specimen Mounting of specimen Castors Test duration 5000 revolutions Change of attribute [Grade] Index of colour change [Grade] Index of appearance change [Grade] Test duration 25000 revolutions Change of attribute [Grade] Index of colour change [Grade] Index of appearance change [Grade] Castor chair index Damages by the treatment Suitable for castor chairs</p>	<p>2 Sigan 2 (UZIN UTZ AG) Single-wheel swivel castor Type H</p> <p>colour 3,0 3 colour 2 2,5 2,9 none suitable for intensive use</p>
<p>SUITABILITY FOR USE ON STAIRS EN 1963 B</p> <p>Number of specimen Median of appearance change in the edge area [Grade] Judgement</p>	<p>4 low appearance change suitable for intensive use</p>
<p>STATIC ELECTRICAL PROPENSITY - Walking test ISO 6356</p> <p>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</p>	<p>1</p> <p>23 25 Isolating rubbermat on metal plate XS-664P Neolite none -0,9 -0,8 -0,7 -0,8 antistatic</p>
<p>RESISTANCE TO FRAYING EN 1814</p> <p>Number of specimen Kind of test sample Description of cut edge after treatment - Delamination - Fraying - Tuft loss / sprouting - Thread puller - Release of fibers from the pile material Judgement</p>	<p>4 Sheets material</p> <p>not occurred not occurred not occurred not occurred not occurred resistant to fraying</p>

3 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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Quality management, Accreditation and Notification

This issue replaces report VN720 128570.1 dated 09.05.2017.

All tests and services are performed under a quality management system according to EN ISO/IEC 17025 respectively EN ISO/IEC 17065.

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In this report individual non-accredited test procedures are marked with *.

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End of report