



# Report VNIF 080865.1 Test Report

### Applicant

#### Reference

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#### Application

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

### **Test material**

"Highline 630 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

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## 1 Order

## 1.1 Chronology

Date	Received	Order	
22.06.2015	23.06.2015	Classification according to EN 1307 as well as castor chair	
		suitability, suitability for using on stairs, resistance to fraying an	
		static electrical propensity.	

### 1.2 Samples

Nr. Received Sample Identification

1 23.06.2015 "Highline 630 wt"

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

# 2 Findings / Tests performed

## According to EN 1307:2014 (a) Annex B

Identification, basic information			
Productname	"Highline 630 wt"		
Date	2015-07-15		
Manufacturer / User	EGETAEPPER A/S		
Type of face side	Cut pile (reference according to B.2.2: A1)		
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	Non-woven fabric (reference according to B.2.3: P3)		
Colouration	Patterned (reference according to B.2.5: C2)		
Fibres of pile	100 % Polyamide (according to the applicant)		
Total mass	2080 g/m²		
Pile mass above the substrate	463 g/m²		
Total thickness	6,5 mm		
Pile height	4,0 mm		
Surface pile density	0,116 g/cm <sup>3</sup>		
Number of tufts or loops	2302 /dm²		
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	LC2		
Additional properties			
Castor chair suitability	suitable for intensive use		
Stair suitability	suitable for intensive use		
Fraying resistance	resistant to fraying		
Body voltage from the walking test	- 1,6 kV		

DESCRIPTION OF SPECIMEN textile floor cover	ings	
EN 1307		
Number of engeimen		1
Number of specimen		l tuffod
Structure of face side		Cut pile
Structure of face side		
Coloration of face side		
Type of backing		1 extle secondary backing
I ype of fibres at face side ")		100% Polyamide
Description according to standard		plie carpet according to EN 1307
		") According to the current version of the
		with a mass percentage of < 2 % are not
		specified.
MASS PER UNIT AREA of textile floor coverings		·
ISO 8543 (a)		
Number of specimen		4
Climatisation		
- Temperature	[°C]	20
- Rel. air humidity	[%]	65
Mass per unit area		
- Mean value	[g/m²]	2080
- Coefficient of variation	[%]	0,4
- Confidence interval (P = 95 %) abs. width	[g/m²]	12
MASS PER UNIT AREA of textile floor coverings		
ISO 8543 (a)		
Number of specimen		4
Climatisation		
- Temperature	[°C]	20
- Rel. air humidity	[%]	65
Pile mass per unit area	[···]	
- Mean value	[a/m²]	463
- Coefficient of variation	[%]	1,3
- Confidence interval (P = 95 %) abs. width	[g/m²]	10
THICKNESS of textile floor coverings	10 1	
ISO 1765 (a)		
Number of specimen		4
Climatisation		
- Temperature	[°C]	20
- Air humidity	[%]	65
Thickness		
- Mean value	[mm]	6,5
- Coefficient of variation	[%]	0,0
- Confidence interval (P = 95 %) abs. width	[mm]	0,0

THICKNESS WEAR LAYER of textile floor coveri	ngs	
ISO 1766 (a)	0.	
Number of specimen		4
Test atmosphere		
- Temperature	[°C]	20
- Air humidity	[%]	65
Shearing methode	[/0]	Sharn pointed knife
Thickness of wear laver		
- Mean value	Imml	4.0
Coefficient of variation	[11111] [0/] 1	4,0
Confidence interval $(D = 05^{\circ})$ and width	[ /0] [mm]	0,0
	[11111]	0,0
150 6543 (a)		
Number of an active of		4
Number of specimen		4
Pile material		100% Polyamide
Density of pile material	[g/cm <sup>3</sup> ]	1,14
Mass of pile per unit area	[g/m²]	463
Thickness of above the substrate pile	[mm]	4,0
Surface pile density	[g/cm <sup>3</sup> ]	0,116
Relative surface pile density	[%]	10,2
NUMBER OF TUFTS OR LOOPS		
ISO 1763 (a)		
Number of specimen		4
Number of tufts or loops / 10 cm		
- in length direction		57 7
in grade direction		37,7
- III CIUSS direction		39,9
Number of tuits of loops per unit		2302
Number of tufts or loops per m <sup>2</sup>		230200
MASS LOSS - Lisson pedal wheel methode		
EN 1963 A (a)		
Number of specimen		4
Soles		SBR rubber
Number of treads		2000
Adjustment of wheel height	[mm]	-5
Mass loss per unit area		
- Mean value	[g/m²]	11
- Coefficient of variation	[%]	56.1
- Confidence intercall (P= 95 %) absoulte width	[g/m²]	10
Relative mass loss	10° 1	
- Mean value	[%]	24
- Coefficient of variation	[%]	56 1
- Confidence intercall ( $P=05\%$ ) absoulte width	[70] [0/_]	2 1
- Confidence intercall (F = 95 %) absoulte width	[/0]	2,1
	_	4,0
BASIC REQUIREMENTS of textile floor coverings	5	
EN 1307		
Basic requirements - Floor covering with Pile (Cut	t pile)	
Colour fastness		Conformity has to be declared by the
		manufacturer for each colour
Fibre bind < 80 % natural fibres		
Cut pile - Mass loss	[%]	2,4
Judgement		
Basic requirements [fullfil	led / not fullfilled]	fullfilled

ISO 10361 (a)     2       Number of revolutions     5.0       After 5 000 revolutions     5.0       - Index of apperance change (Median)     5.0       - Index after colour correction (Median)     4.5       - Index of apperance change (Median)     4.5       - Index after colour correction (Median)     4.5       - Classification of ple floor coverings     10000       Index of apperance change     5.0       - Long time test     5.0   <	CHANGES IN APPERANCE - drum test		
Number of revolutions     2       Atter 5 000 revolutions     5.0       Index of paperance change (Median)     5.0       Index of colour change (Median)     5.0       Index af apperance change (Median)     5.0       Index af apperance change (Median)     5.0       Index after colour correction (Mean value)     5.0       Index after colour correction (Median)     5.0       Index after colour correction (Median)     4.5       Index after colour change (Median)     4.5       Index after colour correction (Mean value)     4.5       Index after colour correction (Mean value)     4.5       CLASSIFICATION of textile floor coverings     none       CLASSIFICATION of textile floor coverings     5.0       - Long time test     5.0       - Sond time test     5.0       - Loss File Cation of overall use class     3.3       Classification of overall use class     3.2 <td>ISO 10361 (a)</td> <td></td> <td></td>	ISO 10361 (a)		
Number of specimen Number of revolutions   2     Number of revolutions   5,0     - Index of apperance change (Median)   5,0     - Index affer colour correction (Median)   5,0     - Index affer colour correction (Mean value)   5,0     - Index of colour change (Median)   4,5     - Index affer colour correction (Mean value)   4,6     Damages by the treatment   nonee     CLASSIFICATION of textile floor coverings   5,0     - Long time test   5,0     - Short time test   5,0     - Constince test   3,3     Classification of uxing tasks   LC2     CASTOR CHAIR SUITABLITY of textile floor coverings   Single swivel castors     EN 985 A (a)   Single swivel castors     Number of specimen   Quizi UTZ AG) <			
Number of revolutions   2     After 5 000 revolutions   5,0     - Index of apperance change (Median)   5,0     - Index after colour correction (Median)   5,0     - Index of apperance change (Median)   4,5     - Index of apperance change   structure     - Index of apperance change   0     - Index of apperance change   -     - Short time test   5,0     - Log time test   4,5     - Additional madatory requirements for Class 32   -     Classification of one overall use class   33     Classification of one overall use class   33     Classification of plagenance change   -     Row of appearance change   -     Row of appearance change	Number of specimen		2
Alter 5 000 revolutions     5,0       - Index of obsour change (Median)     5,0       - Main reasons for change        Index after colour correction (Mean value)     5,0       - Index after colour correction (Mean)     5,0       - Index after colour correction (Mean)     5,0       - Index after colour correction (Mean)     4,5       - Index after colour correction (Mean value)     4,5       - Index after colour correction (Mean value)     4,6       Damages by the treatment     none       CLASSIFICATION of textile floor coverings     6,0       Index of appearance change     5,0       Classification of pile floor coverings     4,5       Index of appearance change     5,0       - Long time test     5,0       - Short time test     5,0       - Short time test     5,0       - Cassification of orderal use class     2       Classification of orderal use class     33       Classification of orderal use class     2.1       Cassification of orderal use class     2.2       Castros     Single swivel castors       Fest duration 5000 revolutions     Single swivel castors       Chage of attribute <td< td=""><td>Number of revolutions</td><td></td><td>-</td></td<>	Number of revolutions		-
Index of apperance change (Median) Index of apperance change (Median) Index of apperance change (Median) Index after colour correction (Median) Index after colour correction (Median) Index of apperance change (Median) Index after colour correction (Median) Index after colour correction (Mean value) Index of apperance change EN 1307 Classification of pile floor coverings Index of apperance change Short time test Short time test Classification of ourcy requirements for Class 32 Classification of ourcy requirements for Class 32 Classification of ourcy rating class EN 333 Classification of ourcy rating class EN 333 Classification of ourcy rating class EN 333 Classification of luxury rating class EN 333 Classification of puerolutions Change of attribute Index of colour change (Grade] Index of colour change (Grade] Index of colour change (Grade] Index of colour change (Grade] Structure Index of colour change (Grade] Structure Index of colour change (Grade] Structure Index of colour change (Grade] Structure Index of colour change (Grade] Structure SUTABILITY FOR USE ON STAIRS EN 1963 B (a) Number of specimen Median of appearance change in the edge area [Grade] Number of specimen Median of appearance change in the edge area [Grade] Index of appearanc	After 5 000 revolutions		
Index of colour change (Wedian)   Index of colour change (Wedian)   Anin reasons for change   Index after colour correction (Median)   Index after colour correction (Median)   Index after colour correction (Median)   Index of apperance change (Median)   Index after colour correction (Median)   Index after colour correction (Median)   Index after colour correction (Median)   Index of apperance change (Median)   Index after colour correction (Median)   Index after colour correction (Mean value)   Index of apperance change   Index of apperance   Index of apperance ange   Index of apperance   Index of apperance   Index of	Alter 5 000 revolutions		5.0
- Index of colour change (Median) - Main reasons for change - Index after colour correction (Median) - Index after colour correction (Median) - Index of apperance change (Median) - Index of our change (Median) - Index of colour change (Median) - Index after colour correction (Mean value) - Index of appearance change - Classification of change in apperance - Short time test - Short time test - Cassification of ourcal use class - Classification of luxury rating class - Cassification of luxury rating class - Cassification of luxury rating class - Cassification of luxury rating class - Castors - Change of attribute - Index of colour change - Castor charis - Suitable for intensive use - S	- Index of apperance change (iviedian)		5,0
- Main reasons for change	- Index of colour change (Median)		5
Index after colour correction (Median)   Index after colour correction (Mean value)   After 20 000 revolutions   Index of apperance change (Median)   Index of colour change (Median)   Index after colour correction (Mean value)   Index after colour correction (Median)   Index after colour correction (Median)   Index after colour correction (Median)   Index after colour correction (Mean value)   Index of appearance change   Index of appearance change   Short time test   S.0   Classification of pile floor coverings   Index of appearance change   Short time test   S.0   Classification of overall use class   Index of colour change (Israel)   Number of specimen   CASTOR CHAIR SUITABILITY of textile floor coverings   EN 985 A (a)   Number of specimen   Change of attribute   Index of colour change   [Grade]   A.0   Structure   Index of colour change   [Grade]   A.1   Structure   Index of colour change   [Grade]   A.1   Structure   Index of colour change   [Grade]   A.2   Structure   Index of colour change   [Grade]   Structure   Index of colour change   [Grade]   A.2   Structure   Index of colour change   [Grade]   Structure   Index of colour change   [Grade]   Structure   None   Suitable for castor chairs   Suitable for intensive use   SUITABILITY FOR USE ON STAIRS   EN 1963 B (a)	- Main reasons for change		
Index after colour correction (Mean value)   Index of apperance change (Median)   Index of apperance change (Median)   Index of colour change (Median)   Index after colour correction (Mean value)   Index of appearance change   Index of appearance change   Short time test   Short   Short time test   Short time test   Short   Short time test   Short time test   Short time test   Short t	- Index after colour correction (Median)		5,0
After 20 000 revolutions     4,5       Index of apperance change (Median)     5       Index after colour correction (Median)     4,5       Index after colour correction (Mean value)     4,6       Damages by the treatment     none       CLASSIFICATION of textile floor coverings     6       Index of appearance change     5,0       - Long time test     5,0       - Long time test     4,5       - Short time test     5,0       - Classification of pule floor coverings     4,5       Index of appearance change     33       Classification of charge in apperance     33       Classification of luxury rating class     LC2       CASTOR CHAIR SUITABILITY of textile floor coverings     LC2       EN 985 A (a)     2       Number of specimen     2       Mounting of specimen     2       Charge of attribute     Structure       Index of colour change     [Grade]       Index of colour change     [Grade]       Index of paperance change     [Grade]       Index of colour change     [Grade]       Index of appearance change     [Grade]       Index of appearance change     [Grade]	- Index after colour correction (Mean value)		5,0
- Index of apperance change (Median)     4,5       - Index of colour change (Median)     5       - Main reasons for change     structure       - Index after colour correction (Median)     4,5       - Index after colour correction (Median)     4,6       Damages by the treatment     none       CLASSIFICATION of textile floor coverings     none       Index of appearance change     5,0       - Short time test     5,0       - Short time test     5,0       - Long time test     4,5       - Additional mandatory requirements for Class 32     Classification of overali use class       Classification of ourali use class     33       Classification of ourali use class     LC2       CASTOR CHAIR SUITABILITY of textile floor coverings     LC2       CASTOR CHAIR SUITABILITY of textile floor coverings     Single swivel castors       Classification of our prevolutions     Cuzztors       Change of attribute     Structure       Index of appearance change     [Grade]	After 20 000 revolutions		
Index of colour change (Median)     5       - Main reasons for change     structure       Index after colour correction (Median)     4,5       Index after colour correction (Median)     4,6       Damages by the treatment     none       CLASSIFICATION of textile floorcoverings     none       EN 1307     Classification of pile floor coverings       Index of appearance change     5,0       - Long time test     4,5       Additional mandatory requirements for Class 32     33       Classification of or overall use class     33       Classification of or overall use class     33       Classification of or overall use class     1C2       CASTOR CHAIR SUITABILITY of textile floor coverings     LC2       EN 985 A (a)     Single swivel castors       Number of specimen     2       Mounting of specimen     Single swivel castors       Test duration 5000 revolutions     Single swivel castors       Change of attribute     Grade]     4,0       Index of appearance change     [Grade]     3,4       Index of colour change     [Grade]     3,4       Index of appearance change     [Grade]     3,4       Index of appearan	- Index of apperance change (Median)		4,5
- Main reasons for change - Index after colour correction (Median) - Index after colour correction (Mean value) Damages by the treatment CLASSIFICATION of textile floorcoverings EN 1307 Classification of pile floor coverings Index of appearance change - Short time test - Short time - Short time - Short time - Structure - Index of colour change - Short time - Structure - Index of colour change - Structure - Index of colour change - Short time - Short charles - Shor	- Index of colour change (Median)		5
- Index after colour correction (Median)     4,5       - Index after colour correction (Mean value)     4,6       Damages by the treatment     none       CLASSIFICATION of textile floorcoverings     none       EN 1307     Classification of pile floor coverings     1       Index of appearance change     5,0     -       - Short time test     4,5     4,5       Additional mandatory requirements for Class 32     33     Classification of one apperance     33       Classification of one apperance     33     Classification of one apperance     33       Classification of overall use class     33     Classification of overall use class     1C2       CASTOR CHAIR SUITABILITY of textile floor coverings     EN 985 A (a)     2       Number of specimen     2     Doubble sided adhesive tape SIGAN 2     (UZIN UTZ AG)       Castors     Single swivel castors     Single swivel castors     1       Test duration 5000 revolutions     4.0     4.5     4.0       Change of attribute     Grade]     4.0     4.0     4.0       Test duration 25000 revolutions     Grade]     3.4     4.0     4.0       Change of attribute     Index of appearance change <td>- Main reasons for change</td> <td></td> <td>structure</td>	- Main reasons for change		structure
- Index after colour correction (Mean value)     4,6       Damages by the treatment     none       CLASSIFICATION of textile floorcoverings     none       EN 1307     Classification of pile floor coverings     5,0       Index of appearance change     5,0       - Long time test     4,5       Additional mandatory requirements for Class 32     33       Classification of change in apperance     33       Classification of user reduces     33       Classification of verall use class     33       Classification of verall use class     2       Classification of verall use class     LC2       CASTOR CHAIR SUITABILITY of textile floor coverings     LC2       CASTOR CHAIR SUITABILITY of textile floor coverings     EN 985 A (a)       Number of specimen     2       Mounting of specimen     2       Castors     Single swivel castors       Test duration 5000 revolutions     Single swivel castors       Change of attribute     Structure       Index of colour change     [Grade]     4,0       Test duration 5000 revolutions     Structure       Change of attribute     Structure     3,9       Index of colour change <td< td=""><td>- Index after colour correction (Median)</td><td></td><td>4.5</td></td<>	- Index after colour correction (Median)		4.5
Damages by the treatment   none     CLASSIFICATION of textile floorcoveirngs   none     EN 1307   Classification of pile floor coverings   -     Index of appearance change   5,0     - Long time test   4,5     Additional mandatory requirements for Class 32   -     Classification of overall use class   33     Classification of overall use class   33     Classification of overall use class   33     Classification of overall use class   1.C2     CASTOR CHAIR SUITABILITY of textile floor coverings   LC2     EN 985 A (a)   2     Number of specimen   2     Mounting of specimen   2     Charge of attribute   structure     Index of colour change   [Grade]     Suitable for intensive use   3.9     Damages by the treatment   None     Suitable for castor chairs   3.9     Damages by the treatment   None     Suitable for intensive use   SUITABILITY FOR USE ON STAIRS     EN 1963 B (a)   A <td< td=""><td>- Index after colour correction (Mean value)</td><td></td><td>4.6</td></td<>	- Index after colour correction (Mean value)		4.6
Lansger Qi Note     1000       CLASSIFICATION of textile floorcoverings     5,0       EN 1307     5,0       Classification of pile floor coverings     4,5       Index of appearance change     5,0       - Short time test     5,0       - Long time test     4,5       Additional mandatory requirements for Class 32     33       Classification of ohange in apperance     33       Classification of luxury rating class     LC2       CASTOR CHAIR SUITABILITY of textile floor coverings     LC2       CASTOR CHAIR SUITABILITY of textile floor coverings     LC2       CASTOR CHAIR SUITABILITY of textile floor coverings     EN 985 A (a)       Number of specimen     2       Mounting of specimen     2       Charge of atribute     Index of colour change       Index of colour change     [Grade]       Index of appearance change     [Grade]       Index of appearance change     [Grade]       Index of colour change     [Grade]       Index of colour change     [Grade]       Index of appearance change     [Grade]       Index of appearance change     [Grade]       Index of appearance change     [Grade]	Damages by the treatment		none
Classification of pile floor coverings     Index of appearance change     5.0       - Short time test     5.0       - Long time test     4.5       Additional mandatory requirements for Class 32     33       Classification of overall use class     33       Classification of overall use class     33       Classification of overall use class     2       CASTOR CHAIR SUITABILITY of textile floor coverings     LC2       EN 985 A (a)     2       Number of specimen     2       Mounting of specimen     2       Charge of attribute     Single swivel castors       Charge of attribute     Structure       Index of colour change     [Grade]       Index of appearance change     [Grade]       Suitable for intensive use     suitable for intens			
Classification of pile floor coverings       Index of appearance change       - Short time test       - Long time test       Additional mandatory requirements for Class 32       Classification of change in apperance       Classification of luxury retuing class       Classification of ouverall use class       Classification of ouverall use class       Classification of ouverall use class       Classification of operall use class       Classification of specimen       Number of specimen       Mounting of specimen       Mounting of specimen       Charge of attribute       Index of colour change       [Grade]       3	EN 1207		
Classification of pile floor coverings     Index of appearance change       - Short time test     5,0       - Long time test     4,5       Additional mandatory requirements for Class 32     33       Classification of overall use class     33       Classification of overall use class     33       Classification of overall use class     LC2       CASTOR CHAIR SUITABILITY of textile floor coverings     LC2       CASTOR CHAIR SUITABILITY of textile floor coverings     2       Number of specimen     2       Mounting of specimen     2       Castors     Single swivel castors       Crast or of attribute     structure       Index of colour change     [Grade]       Index of colour change     [Grade]       Index of colour change     [Grade]       Index of appearance change     [Grade]       Suitable for castor chairs     suitable for intensive use       Suitable for castor chairs	EN 1307		
Index of appearance change     5,0       - Long time test     4,5       Additional mandatory requirements for Class 32     33       Classification of change in apperance     33       Classification of overall use class     33       Classification of overall use class     33       Classification of overall use class     33       Classification of luxury rating class     LC2       CASTOR CHAIR SUITABILITY of textile floor coverings     2       EN 985 A (a)     Doubble sided adhesive tape SIGAN 2       Number of specimen     2       Mounting of specimen     2       Castors     Single swivel castors       Test duration 5000 revolutions     Single swivel castors       Change of attribute     structure       Index of appearance change     [Grade]       Index of colour change     [Grade]       Change of attribute     Structure       Index of colour change     [Grade]       Index of appearance change     [Grade]       Index of papearance change     [Grade]       Suitable for castor chairs     suitable for intensive use       SUITABILITY FOR USE ON STAIRS     Suitable for intensive use       SUITABILITY FOR US	Classification of pile floor coverings		
Index of appearance change - Short time test - Long time test Additional mandatory requirements for Class 32 Classification of change in apperance Classification of overall use class Classification of luxury rating class Classification of luxury rating class CASTOR CHAIR SUITABILITY of textile floor coverings EN 985 A (a) Number of specimen Number of specimen Castors Test duration 5000 revolutions Change of attribute Index of appearance change Change of attribute Index of appearance change Index of appearance change Index of appearance change Index of appearance change Suitable for castor chairs Suitable for castor chairs Suitable for castor change in the edge area Suitable for appearance change Suitable for specimen Number of specimen None Suitable for castor change in the edge area Suitable for appearance change Suitable for appearance change Suitable for castor change Suitable for intensive use Suitable for castor change Suitable for castor change Suitable for intensive use Suitable f			
- Short time test 5,0 - Long time test 4,5 Additional mandatory requirements for Class 32 Classification of overall use class 33 Classification of overall use class 33 Classification of overall use class LC2 CASTOR CHAIR SUITABILITY of textile floor coverings EN 985 A (a) Number of specimen 2 Mounting of specimen 2 Castors 2 Castors 2 Change of attribute 3 Index of colour change [Grade] 4.5 Index of colour change [Grade] 4.5 Index of colour change [Grade] 4.0 Test duration 25000 revolutions Change of attribute 3 Change of attri	Index of appearance change		5.0
- Long time test     4,5       Additional mandatory requirements for Class 32     33       Classification of change in apperance     33       Classification of overall use class     33       Classification of luxury rating class     LC2       CASTOR CHAIR SUITABILITY of textile floor coverings     LC2       CASTOR CHAIR SUITABILITY of textile floor coverings     Dubble sided adhesive tape SIGAN 2       Number of specimen     2       Mounting of specimen     2       Mounting of specimen     Single swivel castors       Test duration 5000 revolutions     Single swivel castors       Change of attribute     structure       Index of colour change     [Grade]       Index of colour change     [Grade]       Index of colour change     [Grade]       Index of appearance change     [Grade]       Index of appearance change     [Grade]       Index of appearance change     [Grade]       Damages by the treatment     None       Suitable for castor chairs     suitable for intensive use       SUITABILITY FOR USE ON STAIRS     EN 1963 B (a)       Number of specimen     4       Median of appearance change in the edge area     [Grade]	- Short time test		5,0
Additional mandatory requirements for Class 32     33       Classification of change in apperance     33       Classification of luxury rating class     LC2       CASTOR CHAIR SUITABILITY of textile floor coverings     LC2       EN 985 A (a)     2       Number of specimen     2       Mounting of specimen     Doubble sided adhesive tape SIGAN 2       Castors     Single swivel castors       Test duration 5000 revolutions     Single swivel castors       Change of attribute     structure       Index of colour change     [Grade]       Index of appearance change     [Grade]       Index of appearance change     [Grade]       Index of appearance change     [Grade]       Suitable for castor chairs     suitable for intensive use       SUITABILITY FOR USE ON STAIRS     Suitable for intensive use       SUITABILITY FOR USE ON STAIRS	- Long time test		4,5
Classification of change in apperance33Classification of overall use class33Classification of overall use class33Classification of luxury rating classLC2CASTOR CHAIR SUITABILITY of textile floor coveringsEN 985 A (a)Number of specimen2Mounting of specimenDoubble sided adhesive tape SIGAN 2(UZIN UTZ AG)CastorsSingle swivel castorsTest duration 5000 revolutionsstructureIndex of colour change[Grade]4,04-5Index of appearance change[Grade]Index of colour change[Grade]A,0StructureIndex of appearance change[Grade]Index of colour change[Grade]Structure3,9Damages by the treatmentNoneSuitable for castor chairssuitable for intensive useSUITABILITY FOR USE ON STAIRSAEN 1963 B (a)4Number of specimen4Mumber of appearance change in the edge area[Grade]Number of appearance changeIndex ofSuitable for castor chairssuitable for intensive use	Additional mandatory requirements for Class 32		
Classification of overall use class   33     Classification of luxury rating class   LC2     CASTOR CHAIR SUITABILITY of textile floor coverings   LC2     EN 985 A (a)   2     Number of specimen   2     Mounting of specimen   2     Castors   UZIN UTZ AG)     Castors   Single swivel castors     Test duration 5000 revolutions   Structure     Index of colour change   [Grade]     Index of colour change   [Grade]     Index of colour change   [Grade]     Change of attribute   Structure     Index of colour change   [Grade]     Index of colour change   [Grade]     Change of attribute   Structure     Index of colour change   [Grade]     Index of colour change   [Grade]     Index of colour change   [Grade]     Structure   3,9     Damages by the treatment   None     Suitable for castor chairs   suitable for intensive use     SUITABILITY FOR USE ON STAIRS   EN 1963 B (a)     Number of specimen   4     Median of appearance change in the edge area   [Grade]	Classification of change in apperance		33
Classification of luxury rating class     LC2       CASTOR CHAIR SUITABILITY of textile floor coverings     LC2       EN 985 A (a)     2       Number of specimen     2       Mounting of specimen     Doubble sided adhesive tape SIGAN 2       (UZIN UTZ AG)     Single swivel castors       Test duration 5000 revolutions     Structure       Index of appearance change     [Grade]     4-5       Index of appearance change     [Grade]     3-4       Index of appearance change     [Grade]     3-4       Index of appearance change     [Grade]     3,5       Castor chair index     3,9     3,9       Damages by the treatment     None     Suitable for intensive use       SUITABILITY FOR USE ON STAIRS     EN 1963 B (a)     4       Number of specimen     4     low appearance change	Classification of overall use class		33
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Test duration 25000 revolutions     Structure       Change of attribute     Structure       Index of colour change     [Grade]     3-4       Index of appearance change     [Grade]     3,5       Castor chair index     3,9     3,9       Damages by the treatment     None     suitable for intensive use       SUITABILITY FOR USE ON STAIRS     SUITABILITY FOR USE ON STAIRS     4       Number of specimen     4     Iow appearance change	The statement of appearance change	[Grade]	4,0
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Castor chair index     3,9       Damages by the treatment     None       Suitable for castor chairs     suitable for intensive use       SUITABILITY FOR USE ON STAIRS     EN 1963 B (a)       Number of specimen     4       Median of appearance change in the edge area [Grade]     Iow appearance change	Index of appearance change	[Grade]	3,5
Damages by the treatment     None       Suitable for castor chairs     suitable for intensive use       SUITABILITY FOR USE ON STAIRS     EN 1963 B (a)       Number of specimen     4       Median of appearance change in the edge area [Grade]     Iow appearance change	Castor chair index		3,9
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Number of specimen4Median of appearance change in the edge area[Grade]Iow appearance change			
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	Median of appearance change in the edge area	[Grade]	low appearance change
Judgement suitable for intensive use	Judgement	[ > ]	suitable for intensive use

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RESISTANCE TO FRAYING		
EN 1814 (a)		
Number of specimen		4
Kind of test sample		Rolls
Desciption of cut edge after treatme	ent	
- Delamination		not applicable
- Fraying		not applicable
- Tuft loss / sprouting		not applicable
- Thread puller		not applicable
- Release of fibers from the pile mat	terial	not applicable
Judgement		suitable for intensive use
STATIC ELECTRICAL PROPENSI	TY - Walking test	
ISO 6356 (a)		
Number of specimen		1
Testing climate		
- Temperature	[°C]	23
- Air humidity	[%]	25
Base plate		Rubber mat
Sole-material		XS-664P Neolite
Pretreatment	none	
Body-Voltage - supplied condition		
- Test 1	[kV]	-1,6
- Test 2	[kV]	-1,6
- Test 3	[kV]	-1,6
- Mean value	[kV]	-1,6
- Judgement		"antistatic" according EN 14041

#### 3 Remarks

#### Validity

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End of report