EGETAEPPER A/S
Industrivej Nord 25
7400 Herning
Denmark

Your Reference	
Customer Number	40201
Contact Person	Ormstrup Lenette
E-Mail	lo@ege.dk

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Test Report VN720 155746.1

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

"Highline 910AB"

The test material used for testing was made anonymous for laboratory purposes.
A detailed sample list is included in the document.

Issuing

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OETI - Institute for Ecology, Technology and Innovation GmbH

Ing. Hannes Vittek
Manager Flooring Technology & Interior Design

1 Application

Date of Order	Scope of Order
27.05.2019	Summarized test report - EN 1307 Annex B Description Of Specimen - Textile Floor Coverings - EN 1307 Mass Per Unit Area - ISO 8543 Textile Floor Coverings Mass Per Unit Area - ISO 8543 Pile Layer Of Textile Floor Coverings Thickness Of Textile Floor Coverings - ISO 1765 Thickness Wear Layer Of Textile Floor Coverings - ISO 1766 Pile Density - ISO 8543 Number Of Tufts Or Loops - ISO 1763 Suitability For Use On Stairs - EN ISO 12951, Test B (EN 1963, Test B) Basic requirements - EN 1307 - Textile floor covering with cut pile Changes in Appearance - Drum Test - ISO 10361 Method A / ISO 9405 Classification - EN 1307 - Textile floor covering with pile Resistance To Fraying - EN 1814 Castor Chair Suitability Of Textile Floor Coverings - EN 985 Methode A / ISO 9405 Mass Loss - Lisson Pedal Wheel Methode - EN ISO 12951, Test A (EN 1963, Test A) Static Electrical Propensity - Walking Test - ISO 6356 Resistance To Fraying - EN 1814

2 Samples

No.	Receipt	Sample Identification
1	06.06.2019	"Highline 910AB"

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

3 Tests Performed / Results

		#1 "Highline 910AB"
Summarized test report EN 1307 Annex B		
• Identification, basic information		
Product name		"Highline 910AB"
Manufacturer / User		EGETAEPPER A/S
Type of face side		Cut Pile (according to B.2.2: A1)
Manufacturing procedure		Tufted (according to B.2.1: M5)
Backing		Textile Backing (non-woven) (according to B.2.4: S10)
Type of floor covering		Pile Carpet
Base		Non-woven (according to B.2.3: P3)
Colouration		multicolored unpatterned (according to B.2.5: C3)
Dimensions		Rolls
Fibres of pile		100% Polyamide
• Construction		
Total mass	[g/m²]	2'628
Pile mass above the substrate	[g/m²]	652
Total thickness	[mm]	9.8
Thickness of pile layer	[mm]	4.8
Surface pile density	[g/cm³]	0.136
Number of tufts or loops per dm²		2'102
• Appearance change		
Vetterman-drum test, short time testing		4.0
Vetterman-drum test, long time testing		3.5
• Classification according EN 1307		
Basic requirements		fulfilled
Change in appearance		Class 33
Use class		Class 33
Comfort-Class		LC3
• Additional properties		
Castor chair suitability		suitable for intensive use
Stair suitability		suitable for intensive use
Fraying resistance		resistant to fraying
Body-Voltage, walking test	[kV]	-0.8
Judgement according to EN 14041		antistatic

		#1 "Highline 910AB"
Description Of Specimen - Textile Floor Coverings EN 1307		
• Manufacturing procedure		tufted
• Structure of face side		Cut pile
• Colouration of the surface		multicolored unpatterned
• Primary backing		non-woven
• Type of backing		Textile Backing (non-woven)
• Type of fibres at face side		100% Polyamide
• Dimensions		Rolls
• Description according to standard		Floor covering with pile
Mass Per Unit Area ISO 8543 Textile Floor Coverings		
• Number of specimen		4
• Conditioning		
Temperature	[°C]	20
Air humidity	[%]	65
• Total mass		
Mean value	[g/m²]	2'628
Coefficient of variation	[%]	0.5
Confidence intervall (95%) abs. width	[g/m²]	23
Mass Per Unit Area ISO 8543 Pile Layer Of Textile Floor Coverings		
• Number of specimen		4
• Conditioning		
Temperature	[°C]	20
Air humidity	[%]	65
• Total mass of pile		
Mean value	[g/m²]	652
Coefficient of variation	[%]	0.5
Confidence intervall (95%) abs. width	[g/m²]	5
Thickness Of Textile Floor Coverings ISO 1765		
• Number of specimen		4
• Conditioning		
Temperature	[°C]	20
Air humidity	[%]	65
• Thickness		
Mean value	[mm]	9.8
Coefficient of variation	[%]	0.6
Confidence intervall (95%) abs. width	[mm]	0.1

		#1 "Highline 910AB"
Thickness Wear Layer Of Textile Floor Coverings ISO 1766		
• Number of specimen		4
• Conditioning		
Temperature	[°C]	20
Air humidity	[%]	65
• Shearing methode		
• Thickness of wear layer		
Mean value	[mm]	4.8
Coefficient of variation	[%]	1.0
Confidence intervall (95%) abs. width	[mm]	0.1
Pile Density ISO 8543		
• Pile material		100% Polyamid
• Density of pile material	[g/cm³]	1.14
• Mass of pile per unit area	[g/cm²]	652
• Thickness of pile layer	[mm]	4.8
• Surface pile density	[g/cm³]	0.136
• Relative surface pile density	[%]	11.9
Number Of Tufts Or Loops ISO 1763		
• Number of specimen		4
• Number of tufts or loops / 10 cm		
Longitudinal direction		51.9
Cross direction		40.5
• Number of tufts or loops per dm²		2'102
• Number of tufts or loops per m²		210'200
Suitability For Use On Stairs EN ISO 12951, Test B (EN 1963, Test B)		
• Number of specimen		4
• Median of appearance change in the edge area	[grade]	low
• Assessment		suitable for intensive use
Basic requirements EN 1307 - Textile floor covering with cut pile		
• Fibre bind - Cut pile - EN 1963 Methode A	[%]	no mass loss
• Basic requirements		fulfilled

		#1 "Highline 910AB"
Changes in Appearance - Drum Test ISO 10361 Method A / ISO 9405		
• Used scale		ISO - B
• Appearance change 5'000 cycles (if dominant: attribute)		
Assessor 1	[grade]	4.0
Assessor 2	[grade]	3.5
Assessor 3	[grade]	4.0
Median	[grade]	4.0
Mean value	[grade]	3.8
• Index of colour change 5'000 cycles		
Assessor 1	[grade]	4
Assessor 2	[grade]	3-4
Assessor 3	[grade]	4
Median	[grade]	4
• Appearance change 20'000 cycles (if dominant: attribute)		
Assessor 1	[grade]	3.5
Assessor 2	[grade]	3.0
Assessor 3	[grade]	3.5
Median	[grade]	3.5
Mean value	[grade]	3.3
• Index of colour change 20'000 cycles		
Assessor 1	[grade]	3
Assessor 2	[grade]	3
Assessor 3	[grade]	3
Median	[grade]	3
• Damages by treatment		none
Classification EN 1307 - Textile floor covering with pile		
• Appearance change - short time test	[grade]	4.0
• Appearance change - long time test	[grade]	3.5
• Level of use classification		Class 33
• Comfort-Class		LC3

		#1 "Highline 910AB"
Castor Chair Suitability Of Textile Floor Coverings EN 985 Methode A / ISO 9405		
• Castors		single swivel castor Type H
• Specimen fixation		double sided adhesive tape
• Used scale		ISO - B
• Appearance change 5'000 cycles (if dominant: attribute)		
Assessor 1	[grade]	3.5
Assessor 2	[grade]	4.0
Assessor 3	[grade]	3.5
Median	[grade]	3.5
Mean value	[grade]	3.7
• Index of colour change 5'000 cycles		
Assessor 1	[grade]	4
Assessor 2	[grade]	4
Assessor 3	[grade]	4
Median	[grade]	4
• Appearance change 25'000 cycles (if dominant: attribute)		
Assessor 1	[grade]	2.0 (structure)
Assessor 2	[grade]	2.0 (structure)
Assessor 3	[grade]	2.5 (structure)
Median	[grade]	2.0
Mean value	[grade]	2.2
• Index of colour change 25'000 cycles		
Assessor 1	[grade]	3
Assessor 2	[grade]	3-4
Assessor 3	[grade]	3
Median	[grade]	3
• Damages by treatment		no
• Castor chair index		3.1
• Castor chair suitability		suitable for intensive use
Mass Loss - Lisson Pedal Wheel Methode EN ISO 12951, Test A (EN 1963, Test A)		
• Number of specimen		4
• Mass loss per unit area		
• Relative mass loss		no mass loss
• Tretradindex		4.9

		#1 "Highline 910AB"
Static Electrical Propensity - Walking Test ISO 6356		
• Number of specimen		1
• Testing climate		
Temperature	[°C]	23
Air humidity	[%]	25
• Underlay		Rubber on metal plate
• Sole-material		XS-664P Neolite
• Pretreatment		none
• Body-Voltage supplied condition		
1. Measurement	[kV]	-0.9
2. Measurement	[kV]	-0.8
3. Measurement	[kV]	-0.7
Mean value	[kV]	-0.8
• Judgement according to EN 14041		antistatic
Resistance To Fraying EN 1814		
• Number of specimen		4
• Kind of test sample		sheets material
• Description of cut edge after treatment		
• Delamination		not occured
• Fraying		not occured
• Tuft loss / sprouting		not occured
• Thread puller		not occured
• Release of fibers from the pile material		not occured
• Assessment		resistant to fraying

4 Remarks

Period of 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 OETI. The applicability of results and expert evaluations for materials not tested is in the responsibility of the applicant. Whereby an apportionment of results as well as any specified period of validity can only be done for identically constructed products and only as long as the product is produced unchanged. Possible national or international restrictions concerning the terms of usability of test and classification reports have to be considered; this is not the responsibility of the test laboratory.

Sample Material

Results of performed tests only refer to the sample material provided. Without explicit written other agreement testing is destructive and the sample material is transferred to the property of OETI, which is entitled to freely decide on storage and disposal.

Issuing

The valid first issue is done in paper and has single-handed signatures. Translations will be marked accordingly on the cover sheet.

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In this report individual non-accredited test procedures are marked with *. Nevertheless, the analysis was also carried out for these parameters at the same level of quality as for the accredited parameters.

According to the decree on the use of the accreditation mark (“AkkZV”) the accredited Conformity Assessment Body is the only one to use the accreditation mark. Application of the registration number of the Notified Body: As to personal protective equipment (PPE) the requirements of Regulation (EU) 2016/425 have to be kept. With construction products the application is only permitted within the declaration of performance for CE-marking.

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