



Report 74925

Test Report

Applicant

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ÖSTERREICH

Reference

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Application

Determination of abrasion resistance according to EN 15618 and EN ISO 5470 part 2.

Test Material

"Chesterfield"

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: 4

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Authorised for Institute
Ing. Hannes Vittek



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1 Order

1.1 Chronology

Date	Received	Order
2014-10-08	2014-10-08	Determination of abrasion resistance according to EN 15618 and EN ISO 5470 part 2.

1.2 Samples

No.	Received	Sample Identification
1	2014-09-25 (1)	"Chesterfield" (lightbrown)
2	2014-09-25 (1)	"Chesterfield" (darkbrown)

(1) Samples provided by the customer. (2) Sample drawn by ÖTI.

2 Findings / Tests performed

2.1 Description of the specimen

Description of the specimen according to DIN 60 000

Test results

Tested sample: 1, 2

Type of fibre according to DIN 60 001 part 1 and DIN ISO 2076	85 % polyvinylchloride 13 % cotton 2 % polyurethane (declaration by the applicant)
Technological description	coated woven fabric



2.2 Determination of abrasion resistance of rubber- or plastics-coated fabrics

Test conditions

According to EN ISO 5470 part 2

Method: method 2, dry

Used abrasion material: Silicon carbide, grain P180

Underlay: none

Abrasion load: 795g (corresponds 12 kPa)

Deviation from standard: The evaluation was appropriate according EN 15618 for the respective performance category of the defined number of abrasion-turns. (300 T., 500 T. and 700 T.)

Test results

Tested sample: 1, 2

Number of abrasion-turns	Evaluation of damage of the sample			
	specimen 1 (lightbrown)	specimen 2 (lightbrown)	specimen 3 (darkbrown)	specimen 4 (darkbrown)
100	2	2	2	2
200	2	2	2	2
300	2 – 3	2 – 3	2 – 3	2 – 3
500	2 – 3	2 – 3	2 – 3	2 – 3
700	3	3	3	3

Scale for evaluation of the damage:

0	None	No change of surface.
1	very mild	Change of gloss. No print abrasion (if present). No attack of surface coating.
2	mild	Change of colour. Print (if present) is partly or completely abraded. The surface coating was not attacked or only mild superficial.
3	moderate	The surface coating was attacked.
4	heavy	The surface coating is worn and the interlayer or the foam layer was attacked.
5	completely destroyed	The basic fabric appears.

Evaluation according to EN 15618

Number of abrasion-turns without exposition of the interlayer under the top layer:

≥ 700 turns

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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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 ÖTI, which is entitled to freely decide on storage and disposal.

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According to the decree on the use of the accreditation mark ("AkkZV") the accreditation mark is only to be used by the accredited Conformity Assessment Body.

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