



Report VN735 123497.2 Test Report

Applicant

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Reference

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Application

Determination of the elongation under load and the residual deformation according to EN 15977.

Test material

"A1117 soft grip", "A2603 touch", "A2019 chesterfield"

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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1 Order

1.1 Chronology

Date	Received	Order
06.09.2016	07.09.2016	Determination of the elongation under load and the residual deformation according to EN 15977.

1.2 Samples

Nr.	Received	Sample Identification
1	11.10.2016	"A1117 soft grip"
2	11.10.2016	"A2603 touch"
3	11.10.2016	"A2019 chesterfield"

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

2 Findings / Tests performed

2.1 Description of the specimen

Description of the specimen according to DIN 60 000

Test results

Tested sample: 1

Material composition according to the applicant	60% Polyurethane / 25% Polyester / 15% Cotton
Technological description	coated woven fabric

Tested sample: 2

Material composition according to the applicant	60% Polyurethane / 20% Polyester / 20% Cotton
Technological description	coated woven fabric

Tested sample: 3

Material composition according to the applicant	66% Polyvinylchloride / 17% Polyester / 17% Cotton
Technological description	coated woven fabric

2.3 Determination of elongation under load and residual deformation

Test conditions

According to: EN 15977
 Clamping length: 100 mm
 Load: 5 daN
 Loading time: 30 min
 Recovery time: 30 min

Test results

Tested sample: 1

	Length under load [mm]	Elongation under load [%]	Length after recovery [mm]	Residual deformation [%]
Longitudinal direction				
Sample 1	102,0	2,0	100,0	0,0
Sample 2	102,5	2,5	100,0	0,0
Sample 3	102,0	2,0	100,0	0,0
Mean value		2,2		0,0
Cross direction				
Sample 1	107,0	7,0	101,0	1,0
Sample 2	107,0	7,0	101,0	1,0
Sample 3	107,5	7,5	101,5	1,5
Mean value		7,2		1,2

Tested sample: 2

	Length under load [mm]	Elongation under load [%]	Length after recovery [mm]	Residual deformation [%]
Longitudinal direction				
Sample 1	102,5	2,5	100,0	0,0
Sample 2	102,0	2,0	100,0	0,0
Sample 3	102,0	2,0	100,0	0,0
Mean value		2,2		0,0
Cross direction				
Sample 1	108,0	8,0	101,5	1,5
Sample 2	108,0	8,0	101,0	1,0
Sample 3	108,0	8,0	101,5	1,5
Mean value		8,0		1,3

Tested sample: 3

	Length under load [mm]	Elongation under load [%]	Length after recovery [mm]	Residual deformation [%]
Longitudinal direction				
Sample 1	102,0	2,0	100,0	0,0
Sample 2	102,0	2,0	100,0	0,0
Sample 3	102,5	2,5	100,5	0,5
Mean value		2,2		0,2
Cross direction				
Sample 1	108,0	8,0	102,0	2,0
Sample 2	108,5	8,5	102,5	2,5
Sample 3	107,5	7,5	101,5	1,5
Mean value		8,0		2,0

2.4 Summary of results

Sample - Description	Longitudinal direction		Cross direction	
	Elongation under load [%]	Residual deformation [%]	Elongation under load [%]	Residual deformation [%]
1 - "A1117 soft grip"	2,2	0,0	7,2	1,2
2 - "A2603 touch"	2,2	0,0	8,0	1,3
4 - "A2019 chesterfield"	2,2	0,2	8,0	2,0

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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