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Report

Date
18-05-2011

Received:

Three coated upholstery fabrics further indicated as:

1. Furka 31522 – PO 123889, green. TÜV sample number: MT11-32353.01
2. Furka 31506 – PO 123888, yellow. TÜV sample number: MT11-32353.02
3. Furka 31536 – PO 530223, black. TÜV sample number: MT11-32353.03

Project number
T11.32353

Phone number client
0031 493 315 833

Fax number client
0031 493 310 677

Request:

To determine the abrasion resistance Martindale and the tensile strength.

Your reference
Your shipment 12-05-2011

Article
Coated upholstery fabrics (3x)

Test method:

Abrasion resistance : ISO 12947-2:1998/C1:2002. Pressure on specimen:
12 kPa. End point as agreed with client: hole in coating.
Tensile strength : ISO 1421:1998. Strip method. Gauge length in length
direction 200 mm in width direction 100 mm, rate of
extension 100 mm/min, pretension 10 N, test in fivefold,
tested in conditioned state.

Appendix
-

Test conditions:

Temperature : 20 ± 2 °C
Relative humidity : 65 ± 4%
Date of testing : 13/16/17-05-2011

TRN applies General Terms & Conditions which
are filed at the office of the Clerk for civil affairs
at the Court in Zutphen (the Netherlands) under
number 35/2010, dated November 17th 2010.

Date
18-05-2011

Project number
T11.32353

Test results:

➤ *Abrasion resistance*

TÜV sample number	Number of cycles, 12 kPa				
	1	2	3	4	Average
MT11-32353.01 Furka 31522, green.	>125.000	>125.000	>125.000	>125.000	>125.000
MT11-32353.02 Furka 31506, yellow.	>125.000	>125.000	>125.000	>125.000	>125.000
MT11-32353.03 Furka 530223, black.	>125.000	>125.000	>125.000	>125.000	>125.000

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➤ *Tensile strength*

MT11-32353.01 Furka 31522, green.	Length direction		Width direction	
	F _{max} (N)	elongation (%)	F _{max} (N)	elongation (%)
Sample 1	652	30.0	310	248
Sample 2	658	30.0	292	241
Sample 3	665	31.0	314	250
Sample 4	629	29.0	295	241
Sample 5	623	30.0	282	233
Mean	645	30.0	299	243

➤ *Tensile strength*

MT11-32353.02 Furka 31506, yellow.	Length direction		Width direction	
	F _{max} (N)	elongation (%)	F _{max} (N)	elongation (%)
Sample 1	425	40.0	301	176
Sample 2	402	37.0	308	191
Sample 3	405	37.0	305	181
Sample 4	402	36.0	289	167
Sample 5	376	34.0	294	182
Mean	402	37.0	299	179

Date
18-05-2011

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➤ *Tensile strength*

MT11-32353.03 Furka 530223, black.	longitudinal direction		transverse direction	
	F _{max} (N)	elongation (%)	F _{max} (N)	elongation (%)
Sample 1	377	35.0	276	121
Sample 2	394	35.0	282	129
Sample 3	364	34.0	276	127
Sample 4	382	34.0	268	127
Sample 5	381	34.0	282	123
Mean	379	34.0	277	125

Remark: Force at break see appendix.

Project leader:
R. Boerboom, BSc.

Visa:
H. Weustink, MSc.

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