

Dhr. Guido Van Duren
ANSELL HEALTHCARE EUROPE NV
Riverside Business Park - Spey House
Internationale Laan 55
1070 BRUSSELS

your delivery of
2005-12-06

your reference

our reference
WVW.DVB/11521

date
Zwijnaarde, 2005-12-21

Analysis Report 48911/D

Required tests :

EN 388

Identification number	Information given by the client	Date of receipt
T512513	Neoprene 29-865	2005-12-07

Willy Vande Wiele
order responsible

For further information, please contact our sectorial adviser Rebecca Delanghe

This report runs to 5 pages and may be reproduced, as long as it is presented in its entire form, without written permission of Centexbel.
The results of the analysis cover the received samples. Centexbel is not responsible for the representativeness of the samples.

Reference : T512513 - Neoprene 29-865

Determination of the abrasion resistance with emery paper

1. Method:

Applied standard : EN 388 part 6.1 (year: 2003)
on conditioned material (23°C and 50% rel. humidity)

Deviations of the standard : the test hasn't been carried out in the standard atmosphere,
but as soon as possible after conditioning

Apparatus : Martindale Wear and Abrasion tester

Used pressure : 9 kPa

Abrasive paper : F2 (fixed with double-sided adhesive tape)

Number of specimens : 5 circular specimens

2. Results:

Date of ending the test: 21-12-2005

specimen	χ = number of cycles to breakdown the sample
1	$100 < \chi < 500$
2	$500 < \chi < 2000$
3	$500 < \chi < 2000$
4	$500 < \chi < 2000$
5	$500 < \chi < 2000$
minimum	$100 < \chi < 500$

Reference : T512513 - Neoprene 29-865

Determination of the blade cut resistance

1. Method:

Applied standard : EN 388 §6.2 (year: 2003)
on conditioned material (23°C and 50% rel. humidity)

Deviations of the standard : the test hasn't been carried out in the standard atmosphere,
but as soon as possible after conditioning

Apparatus : coupetest with circular blade

Number of specimens : 2

2. Results:

Date of ending the test: 12-12-2005

ref. fabric	T 512513 ↗	ref. fabric	index
1,3	0,6	1,3	1,5
1,3	0,6	1,3	1,5
1,3	0,6	1,3	1,5
1,3	0,6	1,3	1,5
1,3	0,6	1,3	1,5
			average index: 1,5

ref. fabric	T 512513 ↖	ref. fabric	index
1,3	0,6	1,3	1,5
1,3	0,6	1,3	1,5
1,3	0,6	1,3	1,5
1,3	0,6	1,3	1,5
1,3	0,6	1,3	1,5
			average index: 1,5

Reference : T512513 - Neoprene 29-865

Determination of the tear resistance

1. Method:

Applied standard : EN 388 part 6.3 (year: 2003)
on conditioned material (23°C and 50% rel. humidity)

Deviations of the standard : the test hasn't been carried out in the standard atmosphere,
but as soon as possible after conditioning

Apparatus : Instron, type CRE, class 0,5 - cell of 100 N

Tearing speed : 100 mm/min.

Number of specimens : 4 different gloves

2. Results:

Date of ending the test: 12-12-2005

force in the length direction of the glove (N)	force in the width direction of the glove (N)
21,8	13,1*
11,8*	24,3
minimum = 11,8 N*	

Remark: * = tear transfers and max force on the recorded trace.

Reference : T512513 - Neoprene 29-865

Determination of the puncture resistance

1. Method:

Applied standard : EN 388 part 6.4 (year: 2003)
on conditioned material (23°C and 50% rel. humidity)
Deviations of the standard : the test hasn't been carried out in the standard atmosphere,
but as soon as possible after conditioning
Apparatus : Instron, type CRE, class 0,5 - cell of 100 N
Perforation speed : 100 mm/min.
Used spike : test spike of steel with rounded top
Number of specimens : 4

2. Results:

Date of ending the test: 12-12-2005

specimen	force (N)
1	20,9
2	16,6
3	30,7
4	21,1
minimum	16,6 N