

GEOSYNTHETIC TESTING SERVICES
PO Box 590, Lavington, NSW 2641
Ph (612) 6022 7913 Fax (612) 6040 4870

CBR Burst Strength

As per AS3706.4

Date: 17/08/2011
Time: 1:56:02 PM

Machine Type: LR30K
Machine Version: v7.62 17/08/99

Batch Reference: C2750-1
User: instron

Crosshead Speed: ~~60~~⁵⁰ mm/min

Product Code: QT15 RHINO
Roll Number:
Tested By: D.KOVACS

Temperature: 20
Humidity: 70

TEST RESULTS

Sample	CBR Burst Strength N	CBR Burst Strength kN	Displacement at Max	Seating Disp
1	4323 N	4.323 kN	52.7 mm	7.3 mm
2	3930 N	3.930 kN	49.1 mm	3.3 mm
3	3912 N	3.912 kN	50.5 mm	0.0 mm
4	4875 N	4.875 kN	44.0 mm	1.1 mm
Mean	4260 N	4.260 kN	49.1 mm	
Deviation	391 N	0.391 kN	3.2 mm	
Coefficient of Variation	9.19%	9.19%	6.50%	
P ₅	3617	3.6	43.8	
P ₉₅	4903	4.9	54.4	
Q	3935	3.9	-	

Rhino coating facing up. 

AS3706.4 - 2001: Displacement to Elongation Conversion

File: 2750-1
 Product: QT15 RHINO
 Roll No:
 Prod. Date:
 Test date: 17/08/2011

Sample	Displacement @ Max Load	Seating Displacement	Plunger displacement	Elongation
1	52.7	7.3	45	36
2	49.1	3.3	46	37
3	50.5	0.0	51	44
4	44.0	1.1	43	33
5			0	#N/A
6			0	#N/A
7			0	#N/A
8			0	#N/A
9			0	#N/A
10			0	#N/A
			Mean	38
			SD	4.8
			CV	12.7
			P5	30
			P95	45

INSPECTED BY:

DATE:

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CBR Burst Strength

As per AS3706.4

Date: 17/08/2011
Time: 2:09:17 PM

Machine Type: LR30K
Machine Version: v7.62 17/08/99

Batch Reference: C2750-2
User: instron

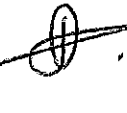
Crosshead Speed: 50 ~~2~~ mm/min

Product Code: A24 RHINO.
Roll Number:
Tested By: D.KOVACS

Temperature: 20
Humidity: 70

TEST RESULTS

Sample	CBR Burst Strength N	CBR Burst Strength kN	Displacement at Max	Seating Disp
1	6394 N	6.394 kN	53.0 mm	4.6 mm
2	6114 N	6.114 kN	51.9 mm	2.5 mm
3	5637 N	5.637 kN	50.6 mm	4.1 mm
4	6443 N	6.443 kN	54.8 mm	0.9 mm
Mean	6147 N	6.147 kN	52.6 mm	
Deviation	320 N	0.320 kN	1.5 mm	
Coefficient of Variation	5.21%	5.21%	2.93%	
P ₅	5621	5.6	50.1	
P ₉₅	6673	6.7	55.1	
Q	5881	5.9	-	

Rhino coating facing up 

AS3706.4 - 2001: Displacement to Elongation Conversion

File: 2750-2
 Product: A24 RHINO
 Roll No:
 Prod. Date:
 Test date: 17/08/2011

Sample	Displacement @ Max Load	Seating Displacement	Plunger displacement	Elongation
1	53.0	4.6	48	40
2	51.9	2.5	49	41
3	50.6	4.1	47	38
4	54.8	0.9	54	49
5			0	#N/A
6			0	#N/A
7			0	#N/A
8			0	#N/A
9			0	#N/A
10			0	#N/A
			Mean	42
			SD	4.7
			CV	11.1
			P5	34
			P95	50

INSPECTED BY:

DATE:

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CBR Burst Strength

As per AS3706.4

Date: 17/08/2011
 Time: 2:21:11 PM

Machine Type: LR30K
 Machine Version: v7.62 17/08/99

Batch Reference: C2750-3
 User: instron

Crosshead Speed: ~~50~~ 50 mm/min


Product Code: TEXSHIELD NW500 ~~X~~
 Roll Number:
 Tested By: D.KOVACS

Temperature: 20
 Humidity: 70

TEST RESULTS

Sample	CBR Burst Strength N	CBR Burst Strength kN	Displacement at Max	Seating Disp
1	5231 N	5.231 kN	54.8 mm	0.0 mm
2	5928 N	5.928 kN	54.5 mm	0.0 mm
3	5485 N	5.485 kN	51.6 mm	1.3 mm
4	5012 N	5.012 kN	50.7 mm	0.4 mm
5	5342 N	5.342 kN	52.0 mm	1.3 mm
6	5722 N	5.722 kN	51.1 mm	0.0 mm
7	4677 N	4.677 kN	49.2 mm	1.1 mm
8	5363 N	5.363 kN	50.9 mm	0.0 mm
9	5082 N	5.082 kN	51.4 mm	1.6 mm
10	5783 N	5.783 kN	51.6 mm	1.2 mm
Mean	5362 N	5.362 kN	51.8 mm	
Deviation	365 N	0.365 kN	1.6 mm	
Coefficient of Variation	6.80%	6.80%	3.10%	
P ₅	4762	4.8	49.2	
P ₉₅	5962	6.0	54.4	
Q	5059	5.1	-	

Hard Side Up
 Soft " Down



AS3706.4 - 2001: Displacement to Elongation Conversion

File: 2750-3
 Product: TEXSHIELD NW500
 Roll No:
 Prod. Date:
 Test date: 17/08/2011

Sample	Displacement @ Max Load	Seating Displacement	Plunger displacement	Elongation
1	54.8	0.0	55	51
2	54.5	0.0	55	51
3	51.6	1.3	50	43
4	50.7	0.4	50	43
5	52.0	1.3	51	44
6	51.1	0.0	51	44
7	49.2	1.1	48	40
8	50.9	0.0	51	44
9	51.4	1.6	50	43
10	51.6	1.2	50	43
			Mean	44
			SD	3.5
			CV	7.9
			P5	39
			P95	50

INSPECTED BY:

DATE: