Trevira
THE FIBRE COMPANY

Martindale-Abrasion according to EN ISO 12947 Part 2

Company: **Kvadrat A/S** Artcle: Memory 116

Treatment: *no* Change of wool-abradant: *50000 cycles*
Load: 28 oz Assessment: *2 Threads broken*

Part 2: Determination of specimen breakdown

	Breakdown	Average Breakdown
Sample 1	42.000	42.000 cycles
Sample 2	41.000	
Sample 3	42.000	
Sample 4	43.000	

Change in appearance

	Fuzzy		Pilling						fibre-fibrillation				Brightening	description of surface changes				
										sporadic fibril-lation	global fibrillation		Grey scale ISO 105 A02	No	barely	clearly	sub-stantial	v. sub-stantial
Cycles	linted	fluffy	no pills	≤ 5 pills	6 - 10 pills	11 - 19 pills	≥ 20 pills	Pills shaved	None		severe	very severe	Rating	Grade 5	Grade 4	Grade 3	Grade 2	Grade 1
900	X		X						X				5	X				
1.300	X		X						X				5	X				
2.000		X	X						X				5	X				
3.000		X	X						X				4 - 5		X			
4.000		X	X						X				4 - 5		X			
5.000		X	X							X			4			X		
6.000		X	X							X			4			X		
8.000		X	X								X		3 - 4				X	
10.000		X	X								X		3 - 4				X	
12.000		X	X								X		3 - 4				X	
14.000		X	X									X	3 - 4				X	
15.000		X		X								X	3 - 4				X	
16.000		X			X							X	3 - 4				X	
18.000		X			X								3					
20.000		X			X								3					
25.000		X			X								3					
30.000		X			X								3					
35.000		X			X								2 - 3					
40.000		X			X								2 - 3					
50.000																		
60.000																		
70.000																		
80.000																		