

### NAPPA LEATHER TEST REPORT

NO.	TESTS	UM	REQUIREMENTS	RESULTS
	COLOUR READING	DE	MAX 0,50	0,43
4.1	WEIGHT ES-X83217	g/m <sup>2</sup>		835,4
	THICKNESS DIN 53326	mm	MIN 1,00-MAX 1,30	1,16
	TENSILE STRENGTH DIN 53328	N/cm <sup>2</sup>	MIN 900	1.389,50
	L and T			
	ELONGATION AT BREAK DIN 53328	%	MIN 40,00 - MAX 80,00	40,77
	L and T			
	TEAR STRENGTH DIN 53329	N	MIN 20,00	26,84
	L and T			
	FLEXING ENDURANCE DIN 53351	No damage	PASSED	PASSED
	26000 CYCLES, RT			
	WATER VAPOUR PERMEABILITY DIN 53333		MAX 1,00	0,88
4.28	SEAM FATIGUE ES-X83217	mm	MAX 2,20	1,90
	5000 CYCLES 3KG			
4.28	SEAM FATIGUE ES-X83217	mm	MAX 2,20	2,00
	2000 CYCLES 6KG			
4.19	ABRASION RESISTANCE ES-X83217	Grade	MIN 3	4
	WHEELS CS-10, 2000 CYCLES, 1KG			
	ADHESION RESISTANCE IUF 470	N/cm	MIN 3,0	9,82
4.12.2A	COLOUR FASTNESS TO ARTIFICIAL LIGHTS ES-X83217	GS	MIN 3	4
	84 MJ/m <sup>2</sup>			
4.27	SEAM STRENGTH EX-X83217	N		378,1
	ODOR ES-X83220	Grade	MIN 3	4
	FOGGING DIN 75201	%	MIN 60,000	73,20
	FLAMMABILITY ES-X60410	mm/min	MAX 80,000	0
	COLOUR FASTNESS TO RUBBING DIN 53339	GS	MIN 4	5
	DRY 2000 CYCLES			
	COLOUR FASTNESS TO RUBBING DIN 53339	GS	MIN 4	4
	WET 1000 CYCLES			
4.18.4	HEAT AGING RESISTANCE ES-X83217	GS	MAX 3	4
	80c X 168H			