

TECHNICAL PROPERTIES		NAPPA EXCLUSIVE
PHYSICAL		
Raw material		Central European cow hides
Substance	DIN EN ISO 2589 (IULTCS/IUP 4)	± 1,1 mm
Average size		± 5,0 m ²
Dyeing		Drum dyed
Grain		Natural
STRENGTH		
Flexometer test	DIN EN ISO 5402 (IULTCS/IUP 402)	≥ 30.000 cycles
Tear strength	DIN EN ISO 3377-1 (IULTCS/IUP40)	≥ 20 N
Tensile strength	DIN EN ISO 3376	≥ 90 N
Adhesion	DIN EN ISO 11644 (IULTCS/IUF 470)	≥ 3,0 N/cm
Elongation	DIN EN ISO 3376	40-80%
Colour fastness to light	DIN EN ISO 105-B02 (IULTCS/IUF 402)	6-7 (Blue scale)
Colour fastness to rubbing	DIN EN ISO 11640 (IULTCS/IUF 450)	
	Dry	≥ 4 GS, 2,000 cycles
	Wet	≥ 4 GS, 500 cycles
Crockmeter	DIN EN ISO 11644	
	Dry	≥ 5 GS
	Wet	≥ 5 GS
SAFETY		
Flame-retardant (DE)	DIN 75200	< 100 mm/min
Flame-retardant (US)	US FMVSS 302	Passed
Flame-retardant (EU)	EC 95/28	Passed
Flame-retardant (IMO)	A652 (16)	Passed
COMPLIANCE		
Reach	Free of harmful substances	Complies
Blue Angel	Environmental standard	Complies
ISO 14001	Environmental management	Complies
ISO 9001	Quality management	Complies
Chrome free	Environmentally friendly	Complies



Wildeman



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