



DATA SHEET






TESTED FOR	RESULT	CONFIRM TO DIN
Lightfastness:	3	54004
Possible color change:		
Abrasion values:	Level:	
Dry	4 - 5	53339
Wet	4 - 5	
Perspiration	4	
Permanent folding behavior: 20.000 bucklings	passed	53340
Tensile strength: 20 N/mm	passed	53329
Burning behavior: EN1021 part I u. II	passed	
Detaillied information about light fastness, abrasion values, skin tollernace and burning behaviour can be found at: www.vegetable-tanned-leather.com/data-and-facts.html		
Tested for Heavy metals, aniline, (Conducted by the German Institute of Environment in Bremen, 2015)		

HAPPY MONK 182



Color: Happy Monk 182
Collection: Velour
Thickness: 1,4 - 1,6 mm



* Valid only for skins from eco farming
(Please ask for availability)

DATA SHEET



Results of the examination for aniline

Parameter	K 2407 FL-3 Ecopell 182 Happy Monk KW 20 (mg/kg)	NG (mg/kg)	Requirements IVN Leather (mg/kg)
Aniline	4	3	60*

* Sum limit for further amines going beyond European legislation
(2,4 Xylidine, N,N. Dimethylaniline, 5-Chlorine-o-toluidine, p-Phenylenediamine and Aniline)

Results of the examination for heavy metals

Heavy metals	K 2407 FL-3 Ecopell 182 Happy Monk KW 20 (mg/kg)	BG (mg/kg)	Requirements IVN Leather (mg/kg)	Requirements ECARF (mg/kg)
Antimony	<0,5	0,5	1	-
Aluminium	60	10	500	-
Arsenic	<0,5	0,5	1	-
Lead	<0,5	0,5	1	-
Cadmium	<0,2	0,2	0,2	-
Chrome	9	1	50	40
Cobalt	<1	1	5	-
Mercury	<0,1	0,1	0,2	-
Nickel	<1	1	5	-
Titanium	<10	10	500	-
Zirconium	<5	5	500	-

BG = limit of determination | NG = detection limit | mg/KG = milligram per kilogram | nn = not detected