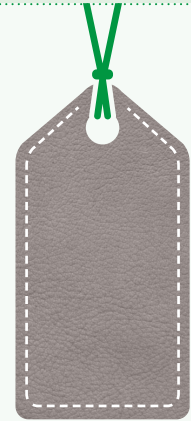


DATA SHEET



TESTED FOR	RESULT	CONFIRM TO DIN
Lightfastness:	1 - 2	54004
Possible color change:		
Abrasion values:	Level:	
Dry	5	53339
Wet	4 - 5	
Perspiration	4 - 5	
Permanent folding behavior: 20.000 bucklings	passed	53340
Tensile strength: 20 N/mm	passed	53329
Burning behavior: y 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 and p-Phenylendiamin (Conducted by the German Institute of Environment in Bremen, 2017)		

FLIPPER 184



Color: Flipper 184
Collection: Nappa
Thickness: 1,4 - 1,6 mm



* Gilt nur für Häute aus Biohaltung
(Bitte Verfügbarkeit anfragen)

DATA SHEET



Results of the examination for heavy metals

Heavy metals	K 4784 FL - 3 Ecopell 184 Flipper KW 9 (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	5	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	–

Results of the examination for aniline and p-Phenylendiamin

Parameter	K 4784 FL - 3 Ecopell 184 Flipper KW 9 (mg/kg)	NG (mg/kg)	Anforderungen IVN Leder (mg/kg)	Anforderungen ECARF (mg/kg)
Aniline	nn	5	≤ 60*	–
p-Phenylendiamin	nn	5	≤ 60*	5

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

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