

DATA SHEET



TESTED FOR	RESULT	CONFIRM TO DIN	OLIFANT 183
Lightfastness:	4	54004	 Color: Olifant 183 Collection: Velour Thickness: 1,4 - 1,6 mm
Possible color change:			
Abrasion values:	Level:		
Dry	3	53339	
Wet	4		
Perspiration	4 - 5		
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, PAK (Conducted by the German Institute of Environment in Bremen, 2013/2015)			

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Results of the examination for aniline

Parameter	K 2407 FL-1 Ecopell 183 Olifant KW 48 (mg/kg)	NG (mg/kg)	Requirements IVN Leather (mg/kg)
Aniline	nn	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-1 Ecopell 183 Olifant KW 48 (mg/kg)	BG (mg/kg)
Antimony	<0,5	0,5
Aluminium	40	10
Arsenic	<1	0,5
Lead	<0,5	0,5
Cadmium	<0,2	0,2
Chrome	10	1
Cobalt	<1	1
Mercury	<0,2	0,1
Nickel	<1	1
Titanium	<10	10
Zirconium	<2	2

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

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Results of the examination for PAK

Parameter	H 8094 FL-4 Ecopell 183 Olifant KW 41 (mg/kg)	NG (mg/kg)	Requirements IVN Leather (mg/kg)
Naphthalene	0,13	0,05	–
Acenaphthylene	nn	0,05	–
Acenaphthenes	nn	0,05	–
Fluorene	nn	0,05	–
Phenanthrene	nn	0,05	–
Anthracene	nn	0,05	≤ 0,1
Fluoranthene	nn	0,05	–
Pyrene	nn	0,05	–
Chrysene	nn	0,05	≤ 0,2
Benzo (a) Anthracene	nn	0,05	≤ 0,2
Benzo (b) Fluoranthene	nn	0,05	≤ 0,2
Benzo (k) Fluoranthene	nn	0,05	≤ 0,2
Benzo (a) Pyrene	nn	0,05	≤ 0,2
Indeno (1,2,3-cd) Pyrene	nn	0,05	–
Dibenzo (a, h) Anthracene	nn	0,05	≤ 0,2
Benzo (g, h, i) Perylene	nn	0,05	–
Sum PAK	0,13		≤ 5

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