

DATA SHEET

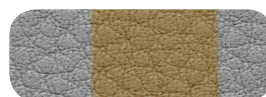


TESTED FOR	RESULT	CONFIRM TO DIN
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OLIFANT 183

Lightfastness:	1+	54004
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Possible color change:



Abrasion values:	Level:	
Dry	5	
Wet	4 - 5	53339
Perspiration	4 - 5	

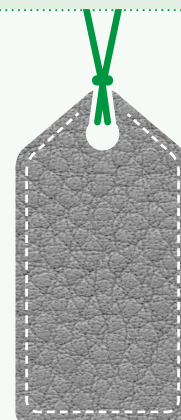
Permanent folding behavior: 20.000 bucklings	passed	53340
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Tensile strength: 20 N/mm	passed	53329
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Burning behavior: y EN1021 part I u. II	passed
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Detaillied 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, PAK
(Conducted by the German Institute of Environment in Bremen, 2013/2017)



Color: Olifant 183
Collection: Nappa
Thickness: 1,4 - 1,6 mm

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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	1
Lead	<0,5	0,5
Cadmium	<0,2	0,2
Chrome	10	1
Cobalt	<1	1
Mercury	<0,2	0,2
Nickel	<1	1
Titanium	<10	10
Zirconium	<5	2

Results of the examination for aniline and p-Phenylendiamin

Parameter	K 4659 FL – 7 Ecopell 183 Olifant [mg/kg]	NG (mg/kg)
Aniline	nn	3
p-Phenylendiamin	nn	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

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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