

DATA SHEET



TESTED FOR	RESULT	CONFIRM TO DIN
Lightfastness:	3-	54004
Abrasion values:	Level:	
Dry	4 - 5	53339
Wet	3 - 4	
Perspiration	3	
Permanent folding behavior: 20.000 bucklings	passed	53340
Tensile strength: 20 N/mm	passed	53329
Burning behavior: EN1021 part I u. II	passed	



Detailed information about light fastness, abrasion values, skin tolerance and burning behaviour can be found at:
www.vegetable-tanned-leather.com/data-and-facts.html

Tested for
Heavy metals, chlorinated paraffins
(Conducted by the German Institute of Environment in Bremen, 2015)

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Results of the examination for heavy metals

Heavy metals	K 2091 FL-1 Ecopell 215 Highlander KW 7 (mg/kg)	BG (mg/kg)	Requirements IVN Leather (mg/kg)
Antimony	<0,5	0,5	1
Aluminium	50	10	500
Arsenic	<0,5	0,5	1
Lead	<0,5	0,5	1
Cadmium	<0,2	0,2	0,2
Chrome	12	1	50
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 chlorinated paraffins

Parameter	K 2091 FL-1 Ecopell 215 Highlander KW 7 (mg/kg)	NG (mg/kg)	Requirements IVN Leather (mg/kg)
Chlorparaffine (C12 - C13)	nn	50	≤ 100
Chlorparaffine (C14 - C17)	270	100	-
Chlorparaffine (C18 - C20)	3600	100	-

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