

DATA SHEET



TESTED FOR	RESULT	CONFIRM TO DIN
------------	--------	----------------

HIMBEER 229

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: 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
(Conducted by the German Institute of Environment in Bremen, 2013/2015)



Color: Himbeer 229
Collection: Nappa
Thickness: 1,4 - 1,6 mm

DATA SHEET



Results of the examination for aniline

Parameter	K 2407 FL-4 Ecopell 229 Himbeer KW 40 (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	H 8168 FL-6 Ecopell 229 Himbeer KW 43 (mg/kg)	BG (mg/kg)	Requirements IVN Leather (mg/kg)
Antimony	<0,5	0,5	1
Aluminium	30	10	500
Arsenic	<0,5	0,5	1
Lead	1	0,5	1
Cadmium	<0,2	0,2	0,2
Chrome	8	1	50
Cobalt	<1	1	5
Mercury	<0,1	0,1	0,2
Nickel	<1	1	5
Titanium	20	10	500
Zirconium	<5	5	500

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