DATA SHEET

Ecopell

TESTED FOR	RESULT	CONFIRM TO DIN
Lightfastness:	5	54004
Possible color change:		
Abrasion values:	**Level:**	
Dry	2	53339
Wet	2 - 3	
Perspiration	1 - 2	
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
(Conducted by the German Institute of Environment in Bremen, 2014)

ENZIAN 700

Color: Enzian 700
Collection: Velour
Thickness: 1,4 - 1,6 mm

IVN ZERTIFIZIERT NATURLEDER

bio kreis

Optional and only subject to availability. Please ask explicitly.

DATA SHEET

Ecopell

Results of the examination for aniline

Parameter	H 8589 FI-4 Ecopell 700 Enzian KW 50 (mg/kg)	NG (mg/kg)	Requirements IVN Leather (mg/kg)
Aniline	6	5	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 8589 FI-4 Ecopell 700 Enzian KW 50 (mg/kg)	BG (mg/kg)	Requirements IVN Leather (mg/kg)
Antimony	<0,5	0,5	1
Aluminium	<10	10	500
Arsenic	<0,5	0,5	1
Lead	<0,5	0,5	1
Cadmium	<0,2	0,2	0,2
Chrome	14	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

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