

# DATA SHEET



TESTED FOR	RESULT	CONFIRM TO DIN
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FLIEDER 005
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Lightfastness:	2 - 3	54004
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Possible color change:



Abrasion values:	Level:	
Dry	4 - 5	53339
Wet	4 - 5	
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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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](http://www.vegetable-tanned-leather.com/data-and-facts.html)

Tested for  
Heavy metals, aniline, AOX, phenol  
(Conducted by the German Institute of Environment in Bremen, 2014)



Color: Flieder 005  
Collection: Nappa  
Thickness: 1,4 - 1,6 mm



\* Valid only for skins from eco farming  
(Please ask for availability)

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## Results of the examination for aniline

Parameter	H 8464 FL-5 Ecopell 005 Flieder KW 52 (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 8464 FL-5 Ecopell 005 Flieder KW 52 (mg/kg)	BG (mg/kg)	Requirements IVN Leather (mg/kg)
Antimony	<0,5	0,5	1
Aluminium	40	10	500
Arsenic	<0,5	0,5	1
Lead	<0,5	0,5	1
Cadmium	<0,2	0,2	0,2
Chrome	11	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 AOX

Parameter	H 3391 FL-1 Ecopell 005 Flieder (mg/kg)	NG (mg/kg)
AOK	0,8	0,5

## Results of the examination for Phenol

Parameter	H 3391 FL-1 Ecopell 005 Flieder (mg/kg)	NG (mg/kg)
Phenol	3	2

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