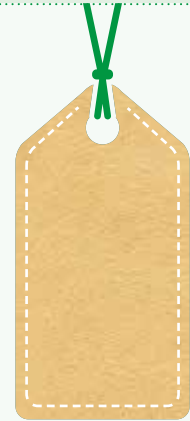


DATA SHEET



TESTED FOR	RESULT	CONFIRM TO DIN
Lightfastness:	4-	54004
Abrasion values:	Level:	
Dry	5	53339
Wet	5	
Perspiration	5	
Permanent folding behavior: 20.000 bucklings	passed	53340
Tensile strength: 20 N/mm	passed	53329
SG-Test	passed	
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, biocides (Conducted by the German Institute of Environment in Bremen, 2013)		

VALONEA 363 FN



Color: Valonea 363 FN
Type: Full grain
Collection: Nubuck leather
Thickness: 0,9 - 1,1 mm



Optional and only
subject to availability.
Please ask explicitly.

DATA SHEET



Results of the examination for heavy metals

Heavy metals	H 7438 FL Ecopell 363 FN Valonea KW 17 (mg/kg)	BG (mg/kg)	Requirements IVN Leather (mg/kg)
Antimony	<1	1	1
Aluminium	10	10	500
Arsenic	<1	1	1
Lead	<1	1	1
Cadmium	<0,2	0,2	0,2
Chrome	16	1	50
Cobalt	<1	1	5
Mercury	<0,2	0,2	0,2
Nickel	<1	1	5
Titanium	<10	20	500
Zirconium	<5	1	500

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

DATA SHEET



Results of the examination for biocides

Parameter	H 7438 FL Ecopell 363 FN Valonea KW 17 (mg/kg)	NG (mg/kg)	Requirements IVN Leather (mg/kg)
Organophosphoricides			
Malathion	nn	0,2	-
Parathion-ethyl	nn	0,2	-
Pyrethroids			
Delamethrin	nn	0,5	-
Permethrin	nn	0,5	-
Organochloro-Pesticides			
Pentachlorophenol	nn	0,1	0,5
Pentachloroanisole	nn	0,1	-
α-HCH	nn	0,1	-
β-HCH	nn	0,1	-
γ-HCH	nn	0,1	-
ε-HCH	nn	0,1	-
Endosulfan	nn	0,1	-
Hexachlorobenzene	nn	0,1	-
Heptachlor	nn	0,1	-
Heptachloro-epoxide	nn	0,1	-
Dieldrin	nn	0,1	-
Methoxychlor	nn	0,1	-
Chlorothalonil	nn	0,1	-
Tolylfluanid	nn	0,1	-
Dichlofluanide	nn	0,1	-
DDT			
o,p-DDE	nn	0,1	-
p,p-DDE	nn	0,1	-
o,p-DDD	nn	0,1	-
p,p-DDD	nn	0,1	-
o,p-DDT	nn	0,1	-
p,p-DDT	nn	0,1	-
Sum DDT¹⁾			
PCB 28	nn	0,2	-
PCB 52	nn	0,2	-
PCB 101	nn	0,2	-
PCB 138	nn	0,1	-
PCB 153	nn	0,1	-
PCB 180	nn	0,1	-
Sum PCB²⁾			
Others			
Piperonyl butoxide	nn	0,2	-
Pyrethrum	nn	Σ 0,5	-
Total biocides	nn		1

1) The data for the DDT total content are used as buzzers for the DDT isomers and their degradation products

2) The total PCB content is given as a 5-fold sum of the PCB congeners 28, 52, 101, 138, 153 and 180 in milligram per kilogram (mg / kg) according to the former LAGA convention

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