


DATA SHEET



TESTED FOR	RESULT	CONFIRM TO DIN	STEINLAUS 383
Lightfastness:	2	54004	 <p>Color: Steinlaus 383 Collection: Rodeo Thickness: 1,4 - 1,6 mm</p>
Abrasion values:	Level:		
Dry	5	53339	
Wet	4 - 5		
Perspiration	3 - 4		
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, preservers (Conducted by the German Institute of Environment in Bremen, 2014)			

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Results of the examination for heavy metals

Heavy metals	H 9397 FL-4 Ecopell 383 Steinlaus KW 32 (mg/kg)	BG (mg/kg)	Requirements IVN Leather (mg/kg)	Requirements ECARF (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	95	1	50	40
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 preservers

Parameter	H 9397 FL-4 Ecopell 383 Steinlaus KW 32 (mg/kg)	BG (mg/kg)	Requirements IVN Leather (mg/kg)
Chlorophenols, phenol and triclosan			
Phenol	nn	2	$\Sigma \leq 25$
2-Methylphenol	nn	2	
4-Methylphenol	nn	2	
p-Phenylphenol	nn	1	$\Sigma \leq 25$
Triclosan	nn	3	
Tribromophenol	nn	1	
4-Chlorphenol	nn	1	
2,4-Dichlorophenol	nn	1	
2,4,5-Trichlorophenol	nn	1	
2,4,6-Trichlorophenol	nn	1	
2,3,5,6-/2,3,4,6-Tetrachlorophenol	nn	1	
2,3,4,5-Tetrachlorophenol	nn	1	
o-Phenylphenol (oPP)	6,0	0,5	$\Sigma \leq 100^*$
4-Chloro-3-Methylphenol (CMP)	25	0,5	
Pentachlorophenol	nn	0,5	$\leq 0,5$
Isothiazolinones			
2-Octyl-4-Isouthiazolin-3-one (OIT)	nn	5	$\Sigma \leq 100^*$
Thiocyanomethylthiobenzothiazole (TCMTB)	28	5	

* = According to IVN maximum sum of conservers oPP, CMP, OIT, TCMTB und MBIC

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