


# DATA SHEET



| TESTED FOR   | RESULT   | CONFIRM TO DIN |
|--|--|----------------|
| Lightfastness:   | 3 - 4  | 54004          |
| Possible color change:   |  |                |
| Abrasion values:   | Level:   |                |
| Dry  | 4 - 5  | 53339          |
| Wet  | 4  |                |
| Perspiration   | 3 - 4  |                |
| Permanent folding behavior:<br>20.000 bucklings  | passed   | 53340          |
| Tensile strength:<br>20 N/mm   | passed   | 53329          |
| Burning behavior:<br>EN1021 part I u. II   | passed   |                |
| Detaillied information about light fastness, abrasion values, skin tollernace and burning behaviour can be found at:<br><a href="http://www.vegetable-tanned-leather.com/data-and-facts.html">www.vegetable-tanned-leather.com/data-and-facts.html</a> |  |                |
| Tested for<br>Heavy metals, preservers, biocides<br>(Conducted by the German Institute of Environment in Bremen, 2013)   |  |                |

## TARA 361



Color: Tara 361  
Collection: Velour  
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 heavy metals

| Heavy metals | G 8079 FL-5<br>Ecopell 361 Tara<br>(mg/kg) | BG<br>(mg/kg) | Requirements<br>IVN Leather<br>(mg/kg) |
|--------------|--|---------------|--|
| Antimony     | <1   | 1             | 1                                      |
| Aluminium    | 50   | 10            | 500                                    |
| Arsenic      | <1   | 1             | 1                                      |
| Lead         | <1   | 1             | 1                                      |
| Cadmium      | <0,2                                       | 0,2           | 0,2                                    |
| Chrome       | 11   | 1             | 50                                     |
| Cobalt       | <1   | 1             | 5                                      |
| Mercury      | <0,2                                       | 0,2           | 0,2                                    |
| Nickel       | <1   | 1             | 5                                      |
| Titanium     | <20  | 20            | 500                                    |
| Zirconium    | <1   | 1             | 500                                    |

## Results of the examination for preservers

| Parameter                                | G 8079 FL-5<br>Ecopell 361 Tara<br>(mg/kg) | BG<br>(mg/kg) | Requirements<br>IVN Leather<br>(mg/kg) |
|--|--|---------------|--|
| Chlorophenols, phenol and triclosan      |  |               |  |
| Phenol                                   | 3  | 2             | Σ 25                                   |
| 2-Methylphenol                           | nn   | 2             |  |
| 4-Methylphenol                           | nn   | 2             |  |
| p-Phenylphenol                           | nn   | 1             | Σ 5                                    |
| Triclosan                                | nn   | 3             |  |
| Tribromophenol                           | nn   | 1             |  |
| 4-Chlorophenol                           | 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)                     | nn   | 0,5           | Σ 100*                                 |
| 4-Chloro-3-Methylphenol (CMP)            | nn   | 0,5           |  |
| Pentachlorophenol                        | nn   | 0,5           | 0,5                                    |
| Isothiazolinones                         |  |               |  |
| 2-Octyl-4-Isothiazolin-3-one (OIT)       | nn   | 5             | Σ 100*                                 |
| Thiocyanomethylthiobenzothiazole (TCMTB) | nn   | 5             |  |

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

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

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## Results of the examination for biocides

| Parameter                      | H 7439 FL<br>Ecopell 361 Tara<br>KW 14<br>(mg/kg) | NG<br>(mg/kg) | Requirements<br>IVN Leather<br>(mg/kg) |
|--------------------------------|---|---------------|--|
| <b>Organophosphoricides</b>    |   |               |  |
| Malathion                      | nn  | 0,2           | -                                      |
| Parathion-ethyl                | nn  | 0,2           | -                                      |
| <b>Pyrethroids</b>             |   |               |  |
| Delamethrin                    | nn  | 0,2           | -                                      |
| Permethrin                     | nn  | 0,2           | -                                      |
| <b>Organochloro-Pesticides</b> |   |               |  |
| Pentachlorophenol              | nn  | 0,1           | 0,5                                    |
| Pentachloroanisole             | nn  | 0,1           | -                                      |
| α-HCH                          | nn  | 0,1           | -                                      |
| β-HCH                          | nn  | 0,1           | -                                      |
| γ-HCH                          | 0,3   | 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           | -                                      |
| <b>DDT</b>                     |   |               |  |
| o,p-DDE                        | nn  | 0,3           | -                                      |
| p,p-DDE                        | nn  | 0,3           | -                                      |
| o,p-DDD                        | nn  | 0,3           | -                                      |
| p,p-DDD                        | nn  | 0,3           | -                                      |
| o,p-DDT                        | nn  | 0,3           | -                                      |
| p,p-DDT                        | nn  | 0,3           | -                                      |
| <b>Sum DDT<sup>1)</sup></b>    |   |               |  |
| PCB 28                         | nn  | 0,1           | -                                      |
| PCB 52                         | nn  | 0,1           | -                                      |
| PCB 101                        | nn  | 0,1           | -                                      |
| PCB 138                        | nn  | 0,1           | -                                      |
| PCB 153                        | nn  | 0,1           | -                                      |
| PCB 180                        | nn  | 0,1           | -                                      |
| <b>Sum PCB<sup>2)</sup></b>    |   |               |  |
| <b>Others</b>                  |   |               |  |
| Piperonyl butoxide             | nn  | 0,2           | -                                      |
| Pyrethrum                      | nn  | Σ             | -                                      |
| <b>Total biocides</b>          | <b>0,3</b>  |               | <b>1</b>                               |

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