



SIRIAL® A NATUR

SIRIAL® A NATUR BIO-BASED CHEMISTRY FOR HIGH-PERFORMANCE LEATHERS



SIRIAL® A NATUR plays a central role in Pulcra Naturalis®'s new portfolio of bio-based products. This fatliquor possesses exceptional physical-chemical properties and stands out with its remarkably high content of raw materials from non-fossil sources. Whether used in the main fatliquoring of wet-white or wet-blue leathers, SIRIAL® A NATUR provides a luxurious touch, excellent fullness, and softness all at once.

One of the key highlights of this new product is its complete absence of fossil mineral oil, leading to a significant

reduction in its carbon footprint, by at least 300kg CO₂ eq/t of product(*). As a result, SIRIAL® A NATUR aligns with eco-friendly practices, promoting sustainability in the leather industry.

Moreover, SIRIAL® A NATUR is an excellent choice for implementing new tanning techniques, including zeolite tanning, further enhancing its versatility and appeal.

(*): comparison with CO₂ footprint of conventional car-upholstery fatliquor with similar formulation, containing mineral oil

Pulcra Naturalis® – The bio-revolution for leather processing

With expertise in producing top-quality leather chemicals from renewable feedstock, Pulcra Chemicals has introduced a game-changing initiative. Pulcra Naturalis® promotes a product portfolio with a high content of bio-based carbon, with all products containing at least 80% renewable carbon. This extensive portfolio suits many types of leather and also emphasizes alternative tanning materials, including CORATYL® G in the Pulcra Natur Tanning® concept.

	Condition	% (**)	Requirement (***)	Sirical® A Natur
Heat Yellowing	144h/100°C	16	> 4	4.2
	400h/100°C	16	≥ 3	3.0
Light Fastness	Suntest 48h	16	≥ 3	4.5
Fogging	Grav. 16h/100°C	2x6	< 2mg	0.2
	Refl. 6h/75°C, %	2x6	≥ 90%	97
Emission VDA 278	VOC, ppm	2x6	< 500	11
	FOG, ppm	2x6	< 2.000	93

(*) amount of applied product, on shaved wb. (**) exemplary requirements

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