

Nanopaint anode ink is easily solubilized in various

solvents, showing unique properties such as:

Tight quality control to ensure reproducibilityCustom formulation for each printing need.

Low material and processing cost

Low cost solution

Nanopaint Anode-1 Ink

Anode Inks

Due to the inherent properties of the Nanopaint Anode ink, there is no need for any specific or expensive post treatment process to activate their properties. It can therefore be processed on aluminium substrate by various techniques:

- Doctor blade printing
- Screen printing

For a 13-100 µm thickness film by doctor blade:



Instructions:

Place it in a mechanical stirring between 30-60 minutes. The ink is ready to be used. After the printing process, the ink should be cured at 80 °C during 60 minutes.





Properties		
	Unit	Internal tests
Physical form		Solution
Thermal cure temperature	°C	80
Cure time	minutes	60
Viscosity	Pa.s	<15
Max. particle diameter	μm	< 20
Expiration date after opening	Months	4
Screen Printing properties		
Mesh opening	μm	102
Mesh count, warp	n/cm	65
Wire diameter, warp	μm	52
Tension on mesh	Ν	17-20

NanoPaint, Lda.

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Safety Data Sheets (SDS) are available by emailing us or contacting your sales representative. Always consult the appropriate SDS before using any of our products.

The information and the products are for use by technically skilled persons at their own discretion and risk and does not relate to the use of this product in combination with any other substance or any other process.

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