

MAGRON Ferromagnetic Ink

MAGRON ferromagnetic ink are produced through a high quality process in order to exhibit a unique set of inherent magnetic proprieties. It can be applied on various substrates, such as glass, PET, PC or paper, by various techniques:

- Screen printing
- Doctor blade printing
- Stencil printing
- Spray printing

MAGRON ferromagnetic ink is easily solubilized in various solvents showing distinctive properties such as:

- High dispersion and isotropy;
- Ferromagnetic behaviour with high magnetic response;
- Great flexibility allowing the production of flexible sensors;
- Easy processability allowing different sensor configurations;
- Custom formulation suitable for each type of printing technique.

Technical Properties

Melting Temp. range(°C)	
Density (g/cm ³)	0.85 – 1.9
Magnetic properties	
Magnetization saturation (emu.g ⁻¹)	6
Remanence (emu.g ⁻¹)	3
Coercive Field (Oe)	2500
Screen Printing properties	
Mesh opening (μm)	75
Open area(%)	35
Mesh count, warp (n/cm)	80
Wire diameter, warp (μm)	48
Tension on mesh (N)	17-20



Website: www.magron.co.kr

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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.

Magnetization vs. magnetic field for a 50 μ m thickness solvent-casting film.



NOTE:

Mix the ink before use.

Do not use magnetic stirring!

#403 -3dong, Gyeonggi Technopark, 705 Haean-ro, Sangnok-gu, Ansan-city, Gyeonggi-do, 15588 (post code), Republic of Korea 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.