



## TECHNICAL DATA SHEET

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<b>Product code:</b>	12-00-105
<b>Product name:</b>	PLA-M
<b>Surface:</b>	plain
<b>Size:</b>	100 µm
<b>Solid content:</b>	10 mg/ml
<b>Composition:</b>	magnetic poly(lactic acid) particles
<b>Standard deviation:</b>	)*
<b>Shape:</b>	spherical
<b>Density:</b>	1.3 g/ccm
<b>Magnetization:</b>	4.3 Am <sup>2</sup> /kg particles (H = 80 kA/m)
<b>Saturation magnetization:</b>	> 6.6 Am <sup>2</sup> /kg particles (H > 800 kA/m)
<b>Stable in:</b>	aqueous buffers pH > 4
<b>Not stable in:</b>	organic solvents, acidic solutions pH < 4
<b>Product form:</b>	Suspension in water
<b>Particles per ml:</b>	1.5 E4
<b>Particles per mg:</b>	1.5 E3
<b>Colour:</b>	dark brown
<b>Additional remarks:</b>	Storage at 2 - 8 °C for 6 months.
<b>TECHNOTES:</b>	)* Size cut: 70 µm - 150 µm