

Flexibility

let it be our
concern



Bakker Magnetics

Use the power of our magnets



Centre of **magnetic** knowledge...

BM magnetic sheeting meets all requirements of the European Standards for Toys

Product Description

BM magnetic sheeting is a high quality product made of ferrite powders and thermoplastics. BM magnetic sheeting meets all requirements of the European Standards for Toys, EN71-3.

Magnetic Properties

Maximum Energy Product: 0.65 to 0.75 MGOe
Remanence: 1600-1900 G
Coercivity: 1200-1500 Oe
Intrinsic Coercivity: 2200-2500 Oe

Magnetic Pole with and Magnetic Pull

Magnetic Pole Width: 2.0 mm

Thickness of Magnetic Material	Magnetic Pull (g/cm ²)
0.4 mm	12
0.5 mm	29
0.75 mm	45
2.00 mm	59

Physical Properties

Flexibility: Can be wrapped around a rod with a 12 mm radius at 20°C without cracking.

Specific Density: 3.7 to 3.8 g/cm³.

Cutting: Scissor cutting, knife-cutting, die-cutting, and slitting can be done with ease.

Temperature Resistance

End-use temperature range: -20°C / +50°C
Short term resistance: 70°C

Backcoating

The magnetic sheeting has a UV hardened coating on the magnetic side.

Magnetisation

BM magnetic sheeting is magnetised with equally spaced magnetic poles parallel to the roll-length with a pole width of 2.0 mm.

Standard Dimensions

execution	width / mm	thickness / mm	length / mtr
natural	615/1000	0,4	10,15,20,30,60
		0,5	10,15,20,30,60
		0,75	10,15,30
	1000	1,5	10,15
		2,0	2
		white/	615/1000
coloured/		0,6	10,15,20,30,60
adhesive		0,85	10,15,30
		1,6	10,15

Customized widths or lengths and/or sheets available on request.

Bakker Magnetics b.v. Sciencepark Eindhoven 5502 5692 EL Son - The Netherlands

E-mail: Info@baktermagnetics.com Phone: +31 40 2 678 678 Fax: +31 40 2 678 899 www.baktermagnetics.com



Centre of magnetic knowledge...