

## Flexible-Rubber-Magnet

Flexible/Rubber magnet is a magnet compounded by magnetic powder and high polymer materials through the special craft. It has some advantages in magnet shaping, size precision, flexibility etc. It may take the strip, circular, various geometric figured, sheet, coiled material (max. width 620mm, thickness 0.4-8mm, unlimited length) according to the customer's requirements. Its surface may implement UV oil coating, spray lacquer, printing, lamination, double-faced adhesive tape, PVC processing and etc.

- Produced by consolidating Strontium or Barium ferrite powder with polymer matrix. Form in profiles, strips & sheets by extrusion or calendaring method, with optional self-adhesive backing.
- With rubber-based characteristic; very flexible & bendable; product can be easily stamped, slit, punched & laminated
- Good resistance to demagnetization and reasonable resistance to chemical agents
- Average temperature stability



products name: Flexible-Rubber-Magnet

Model No:Flexible-Rubber-Magnet

[Related Keywords:] [Flexible-Rubber-Magnet](#) [China Magnets](#)

Magnetic characteristic of Flexible /rubber magnet

Classification	Type	BrMT (GS)	HcbKA/m (Oe)	HcjKA/m (Oe)	BH max KJ/m3 (MGOe)	Composition	Mode of production
同性胶磁	YNT-4	135-155	85-105	175-210	3.2-5.0	BaO6Fe2O3	挤出

Rubber Magnet		(1350-1550)	(1050-1300)	(2200-2600)	(0.40-0.62)	SrO6Fe2O3	Extruding 压延法 Rolling
	YNT-S5	165-180 (1650-1800)	90-105 (1130-1300)	135-160 (1700-2010)	4.5-5.8 (0.56-0.72)		
	YNT-B5	170-190 (1700-1900)	90-115 (1200-1450)	150-190 (1885-2400)	4.6-6.5 (0.57-0.80)		
	YNT-6.5	185-200 (1850-2000)	90-110 (1130-1380)	125-150 (1570-1885)	6.0-7.0 (0.74-0.93)		
异性胶磁 Anisotropic Rubber Magnet	YNY-10	220-240 (2200-2400)	140-165 (1760-2070)	200-235 (2500-2950)	9.0-10.5 (1.1-1.30)	SrO6Fe2O3	压延法 Rolling
	YNY-11	230-250 (2300-2500)	145-165 (1820-2070)	190-225 (2380-2850)	9.5-11.0 (1.18-1.36)		
	YNY-13	250-270 (200-2700)	175-190 (2200-2400)	200-230 (2500-2900)	11.5-14.5 (1.42-1.80)		
	YNY-15	≥270 (≥2700)	175-190 (2200-2400)	200-230 (2500-2900)	≥14.5 (≥1.8)		

Other Physical Characteristic

Density: 3.6-3.8 g/cm<sup>3</sup>

SHORE Hardness: 30-60 SHORE D

Temperature Coefficient: -0.2 %/ °C

Operation Temperature: -40~80°C

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