

Flexible Rubber

Property Table

English Version
For reference only

- Remanence (Br), measure the strength of the magnetic field;
- Coercivity (Hcb / Hcj), the material's resistance to becoming demagnetized;
- Energy product (BHmax), the density of magnetic energy, which relates to the magnetic flux output per unit volume. Higher values indicate stronger magnets

Flexible Rubber Magnets - Property Table - CGS unit

Grade	(range) Remanence (Br) kGs	(range) Intrinsic Coercivity (Hcj) kOe	(range) Coercivity (Hcb) kOe	Max Energy Product (BH)max MGOe	Remark
FRM-5	1.650 ±100	1.650 ±100	1.350 ±100	0.65 ±0.05	Isotropic
FRM-6	1.700 ±100	1.700 ±100	1.400 ±100	0.70 ±0.05	Isotropic
FRM-8	2.200 ±50	2.000 ±100	1.700 ±100	1.00 ±0.05	Semi-aniso
FRM-11	2.450 ±50	1.850 ±100	1.750 ±100	1.40 ±0.05	Anisotropic
FRM-12	2.475 ±25	2.800 ±100	2.100 ±100	1.50 ±0.05	Anisotropic

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Flexible Rubber Magnets - Property Table - SI unit

Grade	(range) Remanence (Br) mT	(range) Intrinsic Coercivity (Hcj) kA/m	(range) Coercivity (Hcb) kA/m	Max Energy Product (BH)max kJ/m ³	Remark
FRM-5	165 ±10	132 ±8	108 ±8	5.2 ±0.4	Isotropic
FRM-6	170 ±10	136 ±8	112 ±8	5.6 ±0.4	Isotropic
FRM-8	220 ±5	160 ±8	136 ±8	8.0 ±0.4	Semi-aniso
FRM-11	245 ±5	148 ±8	140 ±8	11.2 ±0.4	Anisotropic
FRM-12	247.5 ±2.5	224 ±8	168 ±8	12.0 ±0.4	Anisotropic

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