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Magnetic Properties of Sintered Ferrite Magnets--Japan TDK standard

Grade	Composition	Remanence Br		Coercive force Hcb		Intrinsic Coercive force Hcj		Maximum Energy (BH)max	
		KGs	mT	KOe	KA/m	KOe	KA/m	MGOe	KJ/m^3
FB40	SrO6Fe2O3	4.10±10	410±10	2.95±0.15	234.8±11.9	3.00±0.20	238.7±15.9	3.95±0.2	31.40±1.6
FB3N	SrO6Fe2O3	3.95±15	395±15	2.95±0.15	234.8±11.9	3.00±0.20	238.7±15.9	3.60±0.3	28.70±2.4
FB3G	SrO6Fe2O3	3.75±15	375±15	3.20±0.20	254.6±15.9	3.40±0.25	270.6±19.9	3.25±0.3	25.90±2.4
FB3X	SrO6Fe2O3	3.75±15	375±15	2.95±0.15	234.8±11.9	3.00±0.20	238.7±15.9	3.25±0.3	25.90±2.4
FB1A	SrO6Fe2O3	2.20±15	220±15	2.00±0.20	159.2±15.9	3.25±0.25	258.6±19.9	1.10±0.2	8.90±1.6
FB5H	SrO6Fe2O3	4.05±15	405±15	3.75±0.15	298.4±11.9	4.05±0.15	322.3±11.9	3.90±0.2	31.10±1.6
FB4X	SrO6Fe2O3	4.20±10	420±10	2.95±0.15	234.8±11.9	3.00±0.20	238.7±15.9	4.20±0.2	33.40±1.6
FB4B	SrO6Fe2O3	4.00±10	400±10	3.20±0.20	254.6±11.9	3.30±0.25	262.6±19.9	3.80±0.2	30.30±1.6
FB4A	SrO/BaO6Fe2O3	4.10±10	410±10	2.20±0.20	175.1±15.9	2.22±0.20	176.7±15.9	4.00±0.2	31.80±1.6
FBGN	SrO6Fe2O3	4.40±10	440±10	3.25±0.15	258.6±11.9	3.30±0.15	262.6±11.9	4.60±0.2	36.70±1.6
FB6B	SrO6Fe2O3	4.20±10	420±10	3.80±0.15	302.4±11.9	4.00±0.15	318.3±11.9	4.20±0.2	33.40±1.6
FB6H	SrO6Fe2O3	4.00±10	400±10	3.80±0.15	302.4±11.9	4.50±0.15	358.1±11.9	3.80±0.2	30.30±1.6
FB6E	SrO6Fe2O3	3.80±10	380±10	3.65±0.15	290.5±11.9	4.95±0.15	393.9±11.9	3.45±0.2	27.50±1.6
FB5N	SrO6Fe2O3	4.40±10	440±10	2.85±0.15	256.8±11.9	2.88±0.15	259.2±11.9	4.60±0.2	36.70±1.6
FB5B	SrO6Fe2O3	4.20±10	420±10	3.30±0.15	262.6±11.9	3.35±0.15	266.6±11.9	4.20±0.2	33.40±1.6

Note:

1. The data mentioned above of magnetic performance and physical properties are given at room temperature 20℃.

2. Curie temperature and temperature coefficient are for reference only, but not as an inspection items.

3. The max working temperature is changeable due to length-diameter ratio, coating thickness and environment factors.