

Magnetic properties of Fe-Cr-Co magnets

Grades	Remanence		Coercive Force		Maximum Energy Product		Curie Temp.	Temp. Coefficient of Br	Remarks
	Br		Hcb		(BH)max				
	T	KG	KA/m	Oe	kJ/m ³	MGOe			
TFCC-1	0.80-0.90	8.0 - 9.0	33.6-40.0	420 - 500	9.6 - 15.2	1.2 - 1.9	650	-0.05	Isotropy
TFCC-2	0.82-0.92	8.2 - 9.2	41.6-48.0	520 - 600	12.8 - 20.8	1.6 - 2.6	650	-0.05	
TFCC-1A	≥0.80	≥8.0	4.0 -32.0	50 - 400					Hysteresis Isotropy
TFCC-4	1.33- 1.44	13.3-14.4	44.0-53.6	550 - 670	44.0 - 55.2	5.5 - 6.9	650	-0.03	Anisotropy
TFCC-5	1.1 - 1.23	11.0-12.3	49.6-59.2	620 - 740	29.6 - 38.4	3.7 - 4.8	650	-0.03	
TFCC-4A	≥1.3	≥13.0	4.0 -40.0	50 - 500					Hysteresis Anisotropy