

### Magnetic Properties of Sintered Ferrite Magnets--American Standard

Material	Remanence Br		Coercive force Hcb		Intrinsic Coercive force Hcj		Maximum Energy (BH)max	
	KGs	mT	KOe	KA/m	KOe	KA/m	MGOe	KJ/m <sup>3</sup>
C1	2.30	230	1.860	148	3.50	258	1.05	8.36
C5	3.80	380	2.400	191	2.50	199	3.40	27.00
C7	3.40	340	3.230	258	4.00	318	2.75	21.90
C8(=C8A)	3.85	385	2.950	235	3.05	242	3.50	27.80
C8B	4.20	420	2.913	232	2.96	236	4.12	32.80
C9	3.80	380	3.516	280	4.01	320	3.32	26.40
C10	4.00	400	3.617	288	3.51	280	3.82	30.40
C11	4.30	430	2.512	200	2.56	204	4.32	34.40

Note:

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