

Magnetic Properties of Sintered Ferrite Magnets--Mostly Used National Standard-SJ285-77

Grade	Remanence Br		Coercive force Hcb		Intrinsic Coercive force Hcj		Maximum Energy (BH)max	
	KGs	mT	KOe	KA/m	KOe	KA/m	MGOe	KJ/m3
Y10T(=C1)	2.00-2.18	200-218	1.57-1.82	125-145	2.64-3.14	210-250	0.8-1.0	6.5-8.0
Y25	3.60-3.70	360-370	1.70-1.88	135-150	1.76-2.14	140-170	2.8-3.2	22.5-25.3
Y30(=C5)	3.80-3.85	380-385	2.40-2.64	191-210	2.50-2.51	199-220	3.4-3.7	26.0-28.0
Y30BH	3.80-3.90	380-390	2.80-2.95	223-235	2.90-3.08	231-245	3.4-3.7	27.0-30.0
Y33	4.00-4.10	400-410	2.20-2.45	175-195	2.26-2.51	180-200	3.8-4.0	30.0-32.0
Y35	4.10-4.20	410-420	2.77-2.95	220-235	2.83-3.01	225-240	4.0-4.2	31.5-33.0
C8(=C8A)	3.85-3.90	385-390	2.95-3.20	235-255	3.05-3.33	242-265	3.5-3.7	27.8-30.0
C10	4.00-4.10	400-410	3.62-3.77	288-300	3.51-3.60	280-287	3.8-4.0	30.4-31.9

- 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.