

Ferrite

m T u ark nit grade	Remanence		Coercivity		Intrinsic Coercivity		Maximum Energy Product	
	mT	KG	KA/m	Koe	KA/m	Koe	KJ/m ³	MG0e
Y8T	200–235	2.0–2.35	125–160	1.57–2.01	210–280	2.64–3.52	6.5–9.5	0.8–1.2
Y20	320–380	3.2–3.8	135–190	1.70–2.38	140–195	1.76–2.45	18.0–22.0	2.3–2.8
Y22H	310–360	3.1–3.6	220–250	2.77–3.14	280–320	3.52–4.02	20.0–24.0	2.5–3.2
Y23	320–370	3.2–3.7	170–190	2.14–2.38	190–230	2.39–2.89	20.0–25.5	2.5–3.2
Y25	360–400	3.6–4.0	135–170	1.70–2.14	140–200	1.76–2.51	22.5–28.0	2.8–3.5
Y26H	360–390	3.6–3.9	220–250	2.77–3.14	225–255	2.83–3.21	23.0–28.0	2.9–3.5
Y27H	370–400	3.7–4.0	205–250	2.58–3.14	210–255	2.64–3.21	25.0–29.0	3.1–3.7
Y28H	370–400	3.7–4.0	175–210	2.20–2.64	180–220	2.26–2.77	26.0–30.0	3.3–3.8
Y30H-1	380–400	3.8–4.0	230–275	2.89–3.46	235–290	2.95–3.65	27.0–32.0	3.4–4.1
Y30H-2	395–415	3.95–4.15	275–300	3.46–3.77	310–335	3.90–4.21	28.5–32.5	3.5–4.0
Y32	400–420	4.0–4.2	160–190	2.01–2.38	165–195	2.07–2.45	30.0–33.5	3.8–4.2
Y33	410–430	4.1–4.3	220–250	2.77–3.14	225–255	2.83–3.21	31.5–35.0	4.0–4.4

Physical performance of ferrite			
Parameter	Sign	Unit	Value
Recoil permeability	μ_{rec}	Gs/0e	1.05–1.3
Curie temperature	T _c	°C	450
Remanence temperature coefficient	$\alpha(\text{Br})$	°C ⁻¹	–0.2%(0–100°C)
Density	d	g/cm ³	4.7–5.0
Specific resistance	ρ	°C ⁻¹	≥106
Coefficient of	α	°C ⁻¹	–

linear expansion			
Hardness	HV	–	480–580