

**Mostly Used standard** 杰星

Grade	Value(min/typical in our factory)							
	Br		Hcb(BHC)		Hcj(IHC)		(BH)max	
	MT	KG	KA/m	Koe	KA/m	KOe	Kj/m <sup>3</sup>	MGOe
Y10T(=C1)	200/218	2.00/2.18	125/145	1.57/1.82	210/250	2.64/3.14	6.5/8.0	0.8/1.0
Y25	360/370	3.60/3.70	135/150	1.70/1.88	140/170	1.76/2.14	22.5/25.3	2.8/3.2
Y30(=C5)	380/385	3.80/3.85	191/210	2.40/2.64	199/220	2.50/2.51	26.0/28	3.4/3.7
Y30BH	380/390	3.80/3.90	223/235	2.80/2.95	231/245	2.90/3.08	27.0/30.0	3.4/3.7
Y33	410/420	4.10/4.20	220/235	2.77/2.95	225/240	2.83/3.01	31.5/33.0	4.0/4.2
Y35	400/410	4.00/4.10	175/195	2.20/2.45	180/200	2.26/2.51	30.0/32.0	3.8/4.0
C8(=C8A)	385/390	3.85/3.90	235/255	2.95/3.20	242/265	3.05/3.33	27.8/30.0	3.5/3.7
C10	400/410	4.00/4.10	288/300	3.62/3.77	280/287	3.51/3.60	30.4/31.9	3.8/4.0

**Chinese standard**

Material	Br		HcB		HcJ		(BH)max	
	mT	KG	KA/m	KOe	KA/m	KOe	Kj/m <sup>3</sup>	MGOe
Y10T	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	2.5~3.0
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
Y30	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
Y30BH	380~390	3.8~3.90	223~235	2.80~2.95	231~245	2.90~3.08	27.0~30.0	3.4~3.7
Y30-1	380~400	3.8~4.0	230~275	2.89~3.46	235~290	2.95~3.65	27.0~32.0	3.4~4.0
Y30-2	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
Y35	400~410	4.00~4.10	175~195	2.20~2.45	180~200	2.26~2.51	30.0~32.0	3.8~4.0

### USA standard

Material	Br		HcB		HcJ		(BH)max	
	mT	KG	KA/m	KOe	KA/e	KOe	kJ/m <sup>3</sup>	MGOe
C1	230	2.3	148	1.86	258	3.5	8.36	1.05
C5	380	3.8	191	2.4	199	2.5	27	3.4
C7	340	3.4	258	3.23	318	4.00	21.9	2.75
C8(=C8A)	385	3.85	235	2.95	242	3.05	27.8	3.5
C8B	420	4.2	232	2.913	236	2.96	32.8	4.12
C9	380	3.8	280	3.516	320	4.01	26.4	3.32
C10	400	4.0	288	3.617	280	3.51	30.4	3.82
C11	430	4.3	200	2.512	204	2.56	34.4	4.32

### Europe standard

OX100=Y10T=C1    OX300=Y30=C5    OX330=Y30BH

The standard from International Electronics Committee(IEC404-8-1)

Grade	Allowed Value (min/typical)							
	Br		Hcb(BHC)		Hcj(IHC)		(BH)max	
	MT	KG	KA/m	KOe	KA/m	KOe	Kj/m <sup>3</sup>	MGOe
HF8/22	200/220	2.00/2.20	125/140	1.57/1.76	220/230	2.76/2.89	6.5/6.8	0.8/1.1
HF20/19	320/333	3.20/3.33	170/190	2.14/2.39	190/200	2.39/2.51	20.0/21.0	2.5/2.7
HF20/28	310/325	3.10/3.25	220/230	2.76/2.89	280/290	3.52/3.64	20.0/21.0	2.5/2.7
HF22/30	350/365	3.50/3.65	255/265	3.20/3.33	290/300	3.64/3.77	22.0/23.5	2.8/3.0
HF24/16	350/365	3.50/3.65	155/175	1.95/2.20	160/180	2.01/2.26	24.0/25.5	3.0/3.2
HF24/23	350/365	3.50/3.65	220/230	2.76/2.89	230/240	2.89/3.01	24.0/25.5	3.0/3.2
HF24/35	360/370	3.60/3.70	260/270	3.27/3.39	350/360	4.40/4.52	24.0/25.5	3.0/3.2
HF26/16	370/380	3.70/3.80	155/175	1.95/2.20	160/180	2.01/2.26	26.0/27.0	3.2/3.4
HF26/18	370/380	3.70/3.80	175/190	2.20/2.39	180/190	2.26/2.39	26.0/27.0	3.3/3.4
HF26/24	370/380	3.70/3.80	230/240	2.89/3.01	240/250	3.01/3.14	26.0/27.0	3.3/3.4
HF26/26	370/380	3.70/3.80	230/240	2.89/3.01	260/270	3.27/3.39	26.0/27.0	3.3/3.4
HF26/30	385/395	3.85/3.95	260/270	3.27/3.39	300/310	3.77/3.89	26.0/27.0	3.3/3.4
HF28/26	385/395	3.85/3.95	250/265	3.14/3.33	260/275	3.27/3.45	28.0/30.0	3.5/3.8
HF28/28	385/395	3.85/3.95	260/270	3.27/3.39	280/290	3.50/3.60	28.0/30.0	3.5/3.8
HF30/26	395/405	3.95/4.05	250/260	3.14/3.33	260/270	3.27/3.39	30.0/31.5	3.8/3.9
HF32/17	410/420	4.10/4.20	160/180	2.01/2.26	165/175	2.07/2.20	32.0/33.0	4.0/4.1
HF32/22	410/420	4.10/4.20	215/225	2.70/2.83	220/230	2.76/2.89	32.0/33.0	4.0/4.1
HF32/25	410/420	4.10/4.20	240/250	3.01/3.14	250/260	3.14/3.27	32.0/33.0	4.0/4.1