Ferrite - Sintered & Plastic Bonded

Ferrite - Sintered								
Grade	Remanence Br mT		Normal coercivity HcB kA/m		Intrinsic coercivity HcJ kA/m		Max. energy product BHmax kJ/m3	
	min	max	min	max	min	max	min	max
Y8T	200	235	125	160	210	280	6,5	9,5
Y8T-1	220	240	135	175	278	320	8,5	11,1
Y22H	310	360	220	250	280	320	20	24
Y25	360	400	135	170	140	200	22,5	28
Y26H-1	360	390	200	250	225	255	23	28
Y26H-2	360	380	263	288	318	350	24	28
Y27H	350	380	225	240	235	260	25	29
Y28	370	400	175	210	180	220	26	30
Y28H-1	380	400	240	260	250	280	27	30
Y28H-2	360	380	271	295	382	405	26	30
Y30H-1	380	400	230	275	235	290	26	32,5
Y30H-2	395	415	275	300	310	335	27	32
Y32	400	420	160	190	165	195	30	33,5
Y32H-1	400	420	190	230	230	250	31,5	35
Y32H-2	400	440	224	240	230	250	31	34
Y32H-3	400	420	246	269	262	285	29,5	32,6
Y32H-4	400	420	270	293	280	303	30	33,2
Y33	410	430	220	250	225	255	31,5	35
Y33H-1	410	430	250	270	250	275	31,5	35
Y33H-2	410	430	270	303	326	359	30	33,4
Y34	420	440	200	230	205	235	32,5	36
Y34H	420	440	275	310	285	350	34	36,5
Y35	430	450	215	239	217	241	33	38,2

Physical properties Ferrite - Sintered at room temperature (20°C)

Temp.Coeff. of Br:	-0.2%/°C (0-100C)
Density:	4.5-5.1g/cm³
Vickers Hardness:	480-580 Hv
Curie Temperature:	460-480°C
Temp. Coeff. of iHc	+0.2 to +0.5 % / °C (0 - 100°C)
Thermal Expansion Coeff.	7 x 10-6/°C
Compressibility:	>70 kgf / mm2

Farrite Plastic Bonded							
Grade	Remanence Br mT		Normal coercivity HcB kA/m		Intrinsic coercivity HcJ kA/m	Max. energy product BHmax kJ/m3	
	min	typ	min	typ	min	min	typ
BM 4Fp	150	180	96	115	152	4,0	5,6
BM 6Fp	200	220	127	152	152	6,4	8,0
BM 10Fp	235	250	160	168	208	10,8	11,6
BM 11Fp	245	260	164	176	264	11,6	12,4

Physical properties Ferrite - Plastic Bonded at room temperature (20°C)

Density:	3,28-3,78 g/cm³
Tensile strength:	73-100 Mpa
Flexural Strength:	157–189 Mpa
Thermal Expansion Coeff.	37 x 10-6/°C