

MAGNETIC CHARACTERISTICS

GRADE	Br (mT)	Br (KGs)	Hcb (KA/m)	Hcb (KOe)	Hcj (KA/m)	Hcj (KOe)	(BH)Max (KJ/m ³)	(BH)Max (MGOe)
Y10	200-235	2.00-2.35	125-160	1.57-2.01	210-280	2.64-3.52	6.5-9.5	0.8-1.2
Y10T	>200	>2.00	128-160	1.60-2.00	128-160	1.60-2.00	6.4-9.6	0.8-1.2
Y20	320-380	3.20-3.80	135-190	1.70-2.38	140-195	1.76-2.45	18.0-22.0	2.3-2.8
Y22H	310-360	3.10-3.60	220-250	2.77-3.14	280-320	3.52-4.02	20.0-24.0	2.5-3.0
Y23	320-370	3.20-3.70	170-190	2.14-2.38	190-230	2.39-2.89	20.0-25.5	2.5-3.2
Y25	360-400	3.60-4.00	135-170	1.70-2.14	140-200	1.76-2.51	22.5-28.0	2.8-3.5
Y25BH	360-390	3.60-3.90	176-216	2.20-2.70	215-231	2.70-2.90	23.9-37.1	3.0-3.4
Y26H	360-390	3.60-3.90	220-250	2.77-3.14	225-255	2.83-3.21	23.0-28.0	2.9-3.5
Y27H	370-400	3.70-4.00	205-250	2.58-3.14	210-255	2.64-3.21	25.0-29.0	3.1-3.7
Y28	370-400	3.70-4.00	175-210	2.20-2.64	180-220	2.26-2.77	26.0-30.0	3.3-3.8
Y30	385-405	3.85-4.05	176-224	2.20-2.80	184-226	2.30-2.84	27.5-30.5	3.45-3.95
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
Y30H-1	380-400	3.80-4.00	230-275	2.89-3.46	235-290	2.95-3.65	27.0-32.0	3.4-4.0
Y30H-2	385-415	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	4.00-4.20	160-190	2.01-2.38	165-195	2.07-2.45	30.0-33.5	3.8-4.2
Y33	410-430	4.10-4.30	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
Y35H1	395-415	3.95-4.15	251-259	3.15-3.25	255-271	3.20-3.40	29.6-32.8	3.7-4.1
Y35H2	390-410	3.90-4.10	236-295	3.30-3.70	275-299	3.45-3.75	28.8-32.0	3.6-4.04
Y35H3	405-425	4.05-4.25	223-247	2.80-3.10	231-255	2.90-3.20	30.2-35.4	3.8-4.4
Y35H-4H	370-390	3.70-3.90	207-302	3.40-3.80	326-358	4.10-4.50	25.6-28.8	3.2-3.6
Y38B	410-430	4.10-4.30	251-275	3.15-3.45	255-279	3.20-3.50	31.8-35.0	4.0-4.4
Y38H	395-415	3.95-4.15	287-309	3.60-3.90	311-333	3.90-4.20	29.5-32.7	3.7-4.1
Y40E	370-390	3.70-3.90	279-301	3.50-3.80	382-414	4.80-5.20	25.6-29.4	3.2-3.6
Y40B	410-430	4.10-4.30	290-324	3.65-3.95	307-329	3.85-4.15	32.6-34.4	4.0-4.4
Y45E	420-440	4.20-4.40	318-342	4.00-4.30	386-410	4.85-5.15	33.5-36.5	4.2-4.6
Y45B	430-450	4.30-4.50	247-271	3.10-3.40	251-275	3.15-3.45	35.1-38.3	4.4-4.8
DM10T	210-230	2.10-2.30	127-159	1.60-2.00	211-235	2.65-2.95	5.6-8.8	0.7-1.1
DM20T	225-245	2.25-2.35	139-163	1.75-2.05	246-270	3.10-3.40	7.0-16.0	0.9-2.0
DM20	320-340	3.20-3.40	135-167	1.70-2.10	140-171	1.75-2.15	18.3-21.5	2.3-2.7
DM25	380-400	3.80-4.00	143-175	1.80-2.20	147-179	1.85-2.25	23.9-27.1	3.0-3.4
DM33H	390-410	3.90-4.10	239-271	3.00-3.40	243-275	3.05-3.45	27.1-30.3	3.4-3.8
DM34H	370-390	3.70-3.90	263-291	3.30-3.65	307-330	3.85-4.15	28.7-30.3	3.6-3.8
DM3845	370-390	3.70-3.90	263-299	3.30-3.75	342-378	4.30-4.75	25.5-28.7	3.2-3.6
DM3850	370-390	3.70-3.90	279-303	3.50-3.80	382-406	4.80-5.10	25.7-28.7	3.2-3.6
DM4036	395-415	3.95-4.15	263-291	3.30-3.65	279-303	3.50-3.80	28.7-31.8	3.6-4.0
DM4040	390-410	3.90-4.10	271-295	3.40-3.70	307-326	3.85-4.10	29.6-32.8	3.7-4.1
DM4129	400-420	4.00-4.20	215-239	2.70-3.00	219-243	2.75-3.05	29.6-32.8	3.7-4.1
DM4229	415-435	4.15-4.35	215-239	2.70-3.00	219-243	2.75-3.05	31.2-34.4	3.9-4.3
DM4240	410-430	4.10-4.30	283-207	3.55-3.85	307-330	3.85-4.15	31.8-35.2	4.0-4.4

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GRADE	Br (mT)	Br (KGs)	Hcb (KA/m)	Hcb (KOe)	Hcj (KA/m)	Hcj (KOe)	(BH)Max (KJ/m ³)	(BH)Max (MGOe)
DM4433	430-450	4.30-4.50	247-271	3.10-3.40	251-275	3.15-3.45	35.2-38.4	4.4-4.8
DM4045	390-410	3.90-4.10	287-310	3.60-3.90	347-370	4.35-4.65	28.7-31.8	3.6-4.0
DM4350	420-440	4.20-4.40	294-326	3.70-4.10	386-410	4.85-5.15	33.4-36.6	4.2-4.6
DM4545	440-460	4.40-4.60	318-350	4.00-4.40	347-370	4.35-4.65	36.6-39.8	4.6-5.0

CONTACT IMI FOR THERMAL INFORMATION