



Iron Chrome Cobalt



Magnetic Characteristics

Grade	Br	Br	Br	Hcb	Hcb	Hcb	Hcj	Hcj	Bhmax	Bhmax
	mT	KGs	Gauss	KA/m	KOe	Oersteds	KOe	KA/m	KJ/m ³	MGOe
FeCrCo10/3	820	8.2	8200	27	0.34	340	0.36	29	10	1.25
FeCrCo12/4	800	8.0	8000	40	0.50	500	0.53	42	12	1.5
FeCrCo28/5	1000	10.0	10000	45	0.57	570	0.58	46	28	3.5
FeCrCo30/4	1150	11.5	11500	40	0.50	500	0.51	41	30	3.8
FeCrCo35/5	1050	10.5	10500	50	0.63	630	0.64	51	35	4.4



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	mT	KGs	Gauss	KA/m	KOe	Oersteds	KOe	KA/m	KJ/m ³	MGOe
FeCrCo36/5	1200	12.0	12000	52	0.66	660	0.68	54	36	4.5
FeCrCo44/4	1300	13.0	13000	44	0.56	560	0.57	45	44	5.5
FeCrCo52/5	1350	13.5	13500	48	0.60	600	0.62	49	52	6.5

Thermal Characteristics

Grade	Max Operating Temp	Rev Temp Coeff	Rev Temp Coeff
	°C	%/°C	Br (TC a(Br) %/°C)
FeCrCo10/3	400	-0.02	-0.02
FeCrCo12/4	400	-0.02	-0.02
FeCrCo28/5	400	-0.02	-0.02
FeCrCo30/4	400	-0.02	-0.02
FeCrCo35/5	400	-0.02	-0.02
FeCrCo36/5	400	-0.02	-0.02
FeCrCo44/4	400	-0.02	-0.02
FeCrCo52/5	400	-0.02	-0.02

Mechanical/Physical Characteristics



Grade	Density
	g/cm ³
FeCrCo10/3	7.6
FeCrCo12/4	7.6
FeCrCo28/5	7.6
FeCrCo30/4	7.6
FeCrCo35/5	7.6
FeCrCo36/5	7.8
FeCrCo44/4	7.7
FeCrCo52/5	7.7

