

SM MAGNETICS

Magnetic Properties for FeCrCo Materials

Grade	Remanence induction		Coercive force		Intrinsic Coercive force		Maximum Energy product		Working Temperature	Density	Remark
	Br		Hcb		Hcj		(BH) max		Tw	ρ	
	T	KGs	KA/m	KOe	KA/m	KOe	KJ/m ³	MGOe	°C	g/cm ³	
FeCrCo10/3	0.82	8.2	27	0.34	29	0.36	10	1.25	≤400	7.6	Isotropic
FeCrCo12/4	0.8	8	40	0.5	42	0.53	12	1.5	≤400	7.6	
FeCrCo16/2	1.3	13	20	0.25	22	0.275	16	2	≤400	7.6	Anisotropic
FeCrCo28/5	1	10	45	0.57	46	0.58	28	3.5	≤400	7.6	
FeCrCo30/4	1.15	11.5	40	0.5	41	0.51	30	3.8	≤400	7.6	
FeCrCo35/5	1.05	10.5	50	0.63	51	0.64	35	4.4	≤400	7.6	
FeCrCo36/5	1.2	12	52	0.66	54	0.68	36	4.5	≤400	7.8	
FeCrCo44/4	1.3	13	44	0.56	45	0.57	44	5.5	≤400	7.7	
FeCrCo52/5	1.35	13.5	48	0.6	49	0.62	52	6.5	≤400	7.7	

1. The above-mentioned data of magnetic parameters and physical properties are given at room temperature.
2. The above values also have relationship to products shapes and dimensions. It is recommended that the final test data to be fixed on actual products.
3. For other special magnetic parameters, please contact us, and we can make them to your specifications.