



BJA
MAGNETICS

Typical Magnetic Properties of Sintered SmCo Materials

Grade	Remanence		Coercivity				Energy Density		Max
	Br		Hcb		Hcj		BHmax		Op Temp
	mT	kGs	KA/m	kOe	KA/m	kOe	KJ/m ³	MGOe	°C
YX-18 (Sm1Co5)	850-900	8.5-9	620-648	7.8-8.2	1194-1513	15-19	127-143	16-18	250
YX-20 (Sm1Co5)	920-960	9.2-9.6	653-717	8.2-9	1194-1513	15-19	150-167	19-21	250
YX-24 (Sm1Co5)	960-1000	9.6-10	730-770	9.2-9.7	1194-1513	15-19	175-190	22-24	250
YXG-24 (Sm2Co17)	950-1000	9.5-10	637-732	8-9.2	1433-1990	18-25	175-190	22-24	350
YXG-26 (Sm2Co17)	1020-1050	10.2-10.5	748-796	9.4-10	1433-1990	18-25	195-215	24-26	350
YXG-28 (Sm2Co17)	1050-1080	10.5-10.8	756-796	9.5-10	1433-1990	18-25	205-220	26-28	350
YXG-28B (Sm2Co17)	1020-1100	10.2-11	420	5.2-5.6	440-520	5.5-6.5	205-220	26-28	350
YXG-30 (Sm2Co17)	1080-1100	10.8-11	780	9.8-10.5	955-1195	18-25	220-240	28-30	350
YXG-30B (Sm2Co17)	1080-1150	10.8-11.5	420	5.2-5.6	440-520	5.5-6.5	220-240	28-30	350