



## SAMARIUM COBALT MAGNET MATERIAL CHARACTERISTICS

### SmCo17

Material & Grade	* Max. Op. Temp (°C)	Curie Temp (°C)	Br (Gauss)		Hc (Oersted)		Hci (Oersted)		Bhmax MGOe	
			Max	Min	Max	Min	Max	Min	Max	Min
XG 22 / 25	350	800	10,700	9,400	9,800	9,000	26,000	25,000	23	22
22 / 20	350	800	10,700	9,400	9,800	9,000	29,000	28,000	23	22
22 / 36	350	800	10,700	9,400	9,800	9,000	33,000	32,000	23	22
XG 24 / 25	360	800	10,600	10,000	10,000	9,200	26,000	25,000	25	24
24 / 30	360	800	10,600	10,000	10,000	9,200	29,000	28,000	25	24
24 / 35	360	800	10,600	10,000	10,000	9,200	33,000	32,000	25	24
XG 26 / 16	300	800	11,100	10,500	10,300	9,300	15,000	14,000	26	25
26 / 20	300	800	11,100	10,500	10,300	9,300	19,000	18,000	26	25
26 / 25	300	800	11,100	10,500	10,300	9,300	23,000	22,000	26	25
26 / 30	300	800	11,100	10,500	10,300	9,300	27,000	26,000	26	25
XG 28 / 16	300	800	11,300	10,700	10,600	10,000	14,000	13,000	28	27
28 / 20	300	800	11,300	10,700	10,600	10,000	18,000	17,000	28	27
28 / 25	300	800	11,300	10,700	10,600	10,000	23,000	22,000	28	27
28 / 30	300	800	11,300	10,700	10,600	10,000	27,000	26,000	28	27
XG 30 / 12	300	800	11,600	11,000	10,100	8,900	11,000	10,000	30	29
30 / 15	300	800	11,600	11,000	10,100	8,900	14,000	13,000	30	29
30 / 18	300	800	11,600	11,000	10,100	8,900	17,000	16,000	30	29
XG 32 / 12	300	800	11,700	11,200	10,100	8,900	11,000	10,000	32	31
32 / 15	300	800	11,700	11,200	10,100	8,900	14,000	13,000	32	31