

# NINGBO BEILUN MEANK MAGNETICS CO.,LTD

Website: [www.meank-magnet.com](http://www.meank-magnet.com)

E-mail: [info@meank-magnet.com](mailto:info@meank-magnet.com)

## Material Grade & Property Of Samarium-Cobalt Magnetic Material

Material	Grade	Energy Product		Residual Induction		Coercive Force		Intrinsic Coercive Force		Density	Max work Temp.
		BH(max)		Br(min-max)		Hcb(min-max)		Hcj(min-max)			
		KJ/m3	MGoe	T	KGs	KA/m	KOe	KA/m	KOe		
SmCo5	XG16	120-143	15-18	0.77-0.86	7.7-8.6	613-716	7.7-9.0	≧ 1194	≧ 15	8.3	250
	XG16H	120-143	15-18	0.77-0.86	7.7-8.6	613-716	7.7-9.0	≧ 1592	≧ 20		
	XG18	135-159	17-20	0.81-0.92	8.1-9.2	637-756	8.0-9.5	≧ 1194	≧ 15		
	XG18H	135-159	17-20	0.81-0.92	8.1-9.2	637-756	8.0-9.5	≧ 1592	≧ 20		
	XG20	151-175	19-22	0.85-0.95	8.5-9.5	637-756	8.0-9.5	≧ 1194	≧ 15		
	XG20H	151-175	19-22	0.85-0.95	8.5-9.5	637-756	8.0-9.5	≧ 1592	≧ 20		
	XG22	167-191	21-24	0.89-1.00	8.9-10	661-772	8.3-9.7	≧ 1194	≧ 15		
	XG22H	167-191	21-24	0.89-1.00	8.9-10	661-772	8.3-9.7	≧ 1592	≧ 20		
Sm2Co17	XGS24M	175-199	22-25	0.92-1.04	9.2-10.4	318-788	4.0-9.9	398-1194	5.0-15.0	8.4	350
	XGS24	175-199	22-25	0.92-1.04	9.2-10.4	661-796	8.3-10.0	1194-1990	15.0-25.0		
	XGS24H	175-199	22-25	0.92-1.04	9.2-10.4	661-804	8.3-10.1	> 1990	> 25.0		
	XGS26M	191-215	24-27	1.00-1.06	10.0-10.6	318-796	4.0-10.0	398-1194	5.0-15.0		
	XGS26	191-215	24-27	1.00-1.06	10.0-10.6	677-820	8.5-10.3	1194-1990	15.0-25.0		

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XGS26H	191-215	24-27	1.00-1.06	10.0-10 .6	677-820	8.5-10.3	> 1990	> 25.0
XGS28M	207-231	26-29	10.4-11.0	10.4-11 .0	318-804	4.0-10.1	398-1194	5.0-15.0
XGS28	207-231	26-29	10.4-11.0	10.4-11 .0	677-820	8.5-10.3	1194-1990	15.0-25. 0
XGS28H	207-231	26-29	10.4-11.0	10.4-11 .0	677-820	8.5-10.3	> 1990	> 25.0
XGS30M	223-247	28-31	10.7-11.2	10.7-11 .2	318-804	4.0-10.1	398-1194	5.0-15.0
XGS30	223-247	28-31	10.7-11.2	10.7-11 .2	700-828	8.8-10.4	1194-1990	15.0-25. 0
XGS30H	223-247	28-31	10.7-11.2	10.7-11 .2	700-828	8.8-10.4	> 1990	> 25.0
XGS32M	231-255	29-32	10.9-11.5	10.9-11 .5	318-804	4.0-10.1	398-955	5.0-12.0
XGS32	231-255	29-32	10.9-11.5	10.9-11 .5	716-836	9.0-10.5	> 955	> 12.0
XGS22LT	159-183	20-23	9.0-9.9	9.0-9.9	677-756	8.5-9.5	≧ 1194	≧ 15.0
XGS24LT	159-183	20-23	9.2-10.2	9.2-10. 2	677-756	8.5-9.5	≧ 1194	≧ 15.0