



杭州智宇磁业科技有限公司烧结钕钴永磁材料牌号

Hangzhou Zhiyu Magnetic Technology Co., LTD sintered Samarium cobalt permanent magnet material brand

Material	Grade	Br Remanence	Hcb Coercivity	Hcj Intrinsic Coercivity	(BH)m Maximum Energy Product	Tw	α (Br) (20°C-150°C)
		kGs	kOe	kOe	MGOe	°C	%/°C
SmCo5	XG6	5.0-5.8	4.7-5.7	>20	6-8	250	-0.04
	XG8	5.8-6.5	5.4-6.4	>20	8-10		
	XG10	6.4-7.2	6.0-7.1	>20	10-12		
	XG12	7.0-7.6	6.5-7.4	>20	12-14		
	XG14	7.5-8.2	7.0-8.0	>20	14-16		
	XG16	7.7-8.6	7.2-8.4	>20	15-18		
	XG18	8.2-9.0	7.8-8.8	>20	16-20		
	XG20	8.6-9.2	8.2-9.0	>20	18-21		
	XG22	9.0-9.5	8.5-9.3	>20	20-23		
	XG24	9.5-9.8	8.6-9.2	>20	22-24		
	XG26	>9.8	>9.0	>18	24-26		

Sm2Co17	XGS6	5.0-5.8	4.7•5.7	>18	6-8	350	-0.035
	XGS8	5.8-6.5	5.4-6.4	>18	8-10		
	XGS10	6.4-7.2	6.0-7.1	>18	10-12		
	XGS12	7.0-7.6	6.5-7.4	>18	12-14		
	XGS14	7.5-8.2	7.0-8.0	>18	14-16		
	XGS16	7.7-8.6	7.2-8.4	>18	15-18		
	XGS18	8.2-9.0	7.8-8.8	>18	16-20		
	XGS20L	8.6-9.4	4.5-9.2	5-18	18-22		
	XGS20	8.6-9.4	7.8-9.2	18-25	18-22		
	XGS20H	8.6-9.4	7.8-9.2	>25	18-22		
	XGS22L	9.0-9.7	4.5-9.0	5-18	20-24		
	XGS22	9.0-9.7	8.3-9.5	18-25	20-24		
	XGS22H	9.0-9.7	8.3-9.5	>25	20-24		
	XGS24L	9.5-10	4.5-9.5	5-18	22-26		
	XGS24	9.5-10	8.6-9.7	18-25	22-26		
	XGS24H	9.5-10	8.6-9.7	>25	22-26		

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		kGs	kOe	kOe	MGOe	°C	%/°C
Sm2Co17	XGS26L	10-10.4	4.5-10.0	5-18 日	24-27	350	-0.035
	XGS26	10-10.4	9.0-10.1	18-25	24-27		
	XGS26H	10-10.4	9.0-10.1	>25	24-27		
	XGS28L	10.4-10.8	4.5-10.1	5-18 日	26-28		
	XGS28	10.4-10.8	9.5-10.5	18-25	26-28		
	XGS28H	10.4-10.8	9.5-10.5	>25	26-28		
	XGS30L	10.8-11.1	4.5-10.5	5-18 日	28-30		
	XGS30	10.8-11.1	9.8-10.8	18-25	28-30		

	XGS30H	10.8-11.1	9.8-10.8	> 25	28-30		
	XGS32L	11.1-11.4	4.5-10.8	5-18	30-32		
	XGS32	11.1-11.4	10.1-11.0	18-25	30-32		
	XGS32H	11.1-11.4	10.1-11.0	> 25	30-32		
	XGS33L	11.3-11.5	4.5-11.0	5-18	31-33		
	XGS33	11.3-11.5	10.4-11.2	18-25	31-33		
	XGS33H	11.3-11.5	10.4-11.2	> 25	31-33		
	XGS34L	11.40-11.7	4.5-11.0	5-18	32-34		
	XGS34	11.40-11.7	10.4-11.4	18-25	32-34		
	XGS34H	11.40-11.7	10.4-11.4	> 25	32-34		
	XGS35L	11.6-11.9	4.5-11.2	5-18	33-35		
	XGS35	11.6-11.9	10.6-11.5	18-25	33-35		

	XGS35H	11.6-11.9	10.6-11.5	> 25	33-35			
	XGS36L	11.8-12.3	4.5-11.5	5-18	34-36			
	XGS36	11.8-12.3	10.9-11.6	18-25	34-36			
	XGS36H	11.8-12.3	10.9-11.6	> 25	34-36			
Low Temp.Coeff.Sm2Co17	XGS16LT	7.7-8.2	6.8-7.6	> 20	14-16			±0.005
	XGS18LT	8.2-8.6	7.4-8.2	> 20	16-18			
	XGS20LT	8.6-9.2	7.8-8.6	> 20	18-20			
	XGS22LT	9.2-9.7	8.2-9.2	> 20	20-22			
	XGS24LT	>9.5	>8.7	> 20	22-24			-0.005
High Temperature Resistance Sm2Co17	XGS20HT	8.6-9.2	7.8-8.8	> 25	18-20		550	
	XGS22HT	9.2-9.7	8.2-9.2	> 25	20-22			
	XGS24HT	9.5-10	8.6-9.7	> 25	22-24			

	XGS26HT	>10.0	>9.0	>25	24-27		
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注：1T = 10kGs = 10000 Gs； 1 kOe = 79.6 kA/m ； 1 MGOe = 7.96 kJ/m³