



www.smmagnetics.com | sales@smmagnetics.com

Typical Magnetic Properties for Sintered Ferrite Magnets

Grade	Remanence		Coercivity				Max Energy Product		Max Working Temperature	MMPA
	B <sub>r</sub>		H <sub>cB</sub>		H <sub>cJ</sub>		(BH) <sub>max</sub>		T <sub>w</sub> Max	
	mT	kGs	kA/m	kOe	kA/m	kOe	kJ/m <sup>3</sup>	MGOe	°C	
XM10T	200-235	2.0-2.35	128-160	1.61-2.01	210-280	2.64-3.52	6.4-9.6	0.8-1.2	250	C1
XM25	360-400	3.6-4.0	135-170	1.70-2.14	140-200	1.76-2.51	22.5-28.0	2.8-3.5	250	C5
XM30	380-400	3.8-4.0	175-210	2.20-2.64	180-220	2.26-2.76	26.0-30.0	3.3-3.8	250	
XM33	410-430	4.1-4.3	220-250	2.76-3.14	225-255	2.83-3.20	31.5-35.0	4.0-4.4	250	
XM35	400-440	4.0-4.4	176-224	2.22-2.8	180-230	2.26-2.89	30.3-33.4	3.8-4.2	250	
XM30BH	380-400	3.8-4.0	223-235	2.80-2.95	231-245	2.90-3.08	27.0-30.0	3.4-3.8	250	C8
XM33H	410-430	4.1-4.3	250-270	3.14-3.39	250-275	3.14-3.46	31.5-35.0	4.0-4.4	250	

\*Higher energy ferrite grades available upon request.