

Bakker Magnetics

Datasheet **Plastic Bonded Hard Ferrite Magnetic**

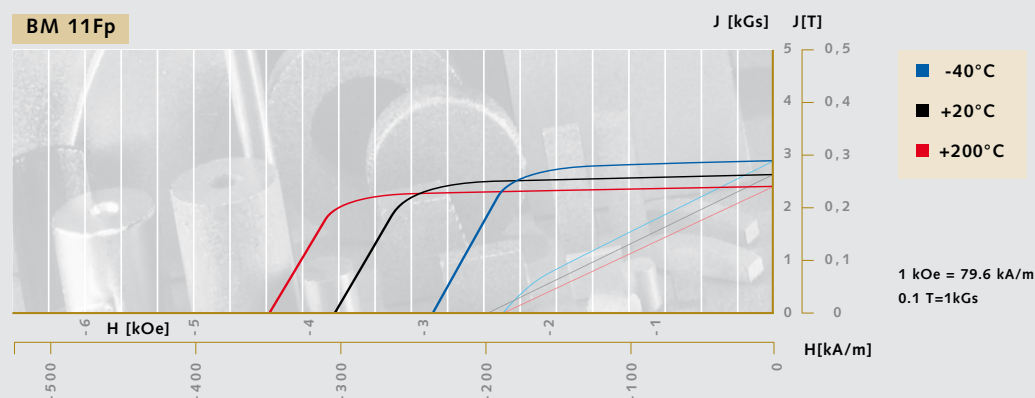
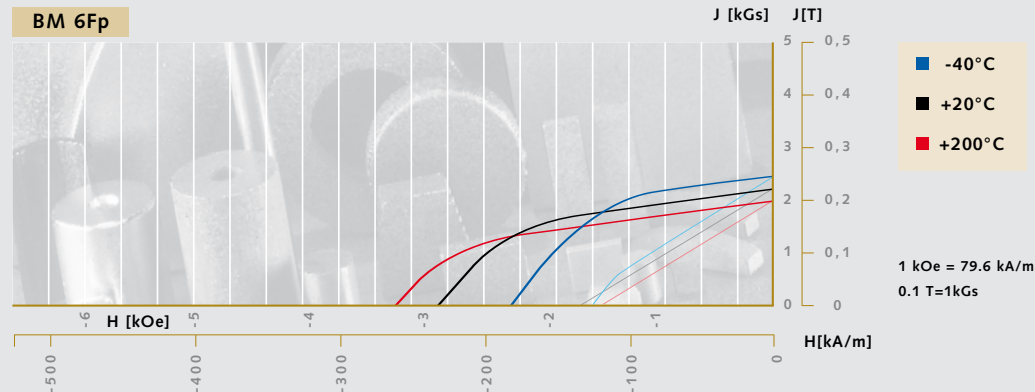


Centre of **magnetic** knowledge...

Plastic bonded hard ferrite Magnetic material

PLASTIC BONDED HARD FERRITE MAGNETIC MATERIAL																
MAGNETIC PROPERTIES																
Name	Remanence Br (kG)		Remanence Br (mT)		Normal coercivity -HcB (kOe)		Normal coercivity -HcB (kA/m)		Intrinsic coercivity -Hci (kOe)		Intrinsic coercivity -Hci (kA/m)		Max. energy product (B-H)max (MGOe)		Max. energy product (B-H)max (Kj/m ³)	
	min	typ	min	typ	min	typ	min	typ	min	typ	min	typ	min	typ	min	typ
BM 4 Fp	1.5	1.8	150	180	1.2	1.45	96	115	1.9	2.45	152	195	0.5	0.8	4.0	5.6
BM 6 Fp	2.0	2.2	200	220	1.6	1.9	127	152	1.9	2.9	152	232	0.8	1.0	6.4	8.0
BM 10 Fp	2.35	2.5	235	250	2.0	2.1	160	168	2.6	2.9	208	232	1.35	1.50	10.8	11.6
BM 11 Fp	2.45	2.60	245	260	2.05	2.2	164	176	3.3	3.8	264	304	1.45	1.55	11.6	12.4

PLASTIC BONDED HARD FERRITE MAGNETIC MATERIAL									
MAGNETIC PROPERTIES									
Name	Temperature coeff. of Br.	Temperature coeff. of HcJ.	Density	Relative recoil permeability μ rev	Curie temperature	Continuous maximum operating temp.	Recommended magnetising field kOe	Recommended magnetising field kA/m	
	%/°C	%/°C	g/cm ³		°C	°C			
BM 4 Fp	- 0.2	+ 0.4	3.8	1.05 - 1.3	450	80	11.7	920	
BM 6 Fp	- 0.2	+ 0.4	3.8	1.05 - 1.3	450	80	15	1200	
BM 10 Fp	- 0.2	+ 0.4	3.8	1.05 - 1.3	450	80	13.8	1100	
BM 11 Fp	- 0.2	+ 0.4	3.7	1.05 - 1.3	450	80	15	1200	



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