

## Ferrite bonded

version June 2015

Grade	Remanence		Normal coercivity		Intrinsic coercivity	Max. energy product	
	Br mT		HcB kA/m		HcJ kA/m	BHmax kJ/m3	
	min	typ	min	typ	min	min	typ
BM 4Fp	150	180	96	115	152	4,0	5,6
BM 6Fp	200	220	127	152	152	6,4	8,0
BM 10Fp	235	250	160	168	208	10,8	11,6
BM 11Fp	245	260	164	176	264	11,6	12,4

Physical properties at room temperature (20°C)			
Temp.Coeff. of Br:		Temp. Coeff. of iHc:	
Density:	3,28-3,78g/cm <sup>3</sup>	Electrical resistivity:	
Vickers Hardness:		Flexural Strength:	157-189 Mpa
Tensile strength:	73-100Mpa	Coeff. of Thermal Expansion:	37 x 10 <sup>-6</sup> /°C
Specific Heat:		Thermal Conductivity:	
Young's Modulus:		Rigidity:	
Poisson's Ratio:		Compressibility:	
Curie Temperature:			

The maximum operating temperature
100 to 180°C

**Important notice:**

Dimensions and shape of the magnet, in combination with required manufacturing processes, may cause the magnetic and physical characteristics to vary from typical values. Therefore, all data presented in this document are for general reference only and should not be relied upon to represent standard characteristics, nor are they guaranteed upon use. Bakker Magnetics reserves the right to change information in this document, including magnet performance standards, specifications, and characteristics without notice.