

Material : MB22D

Initial permeability	μ_i		23°C	2200 ± 25%
Saturation magnetic flux density at 1200A/m	B_s	(mT)	23°C	510
			100°C	420
Remanent flux density	B_r	(mT)	23°C	180
			100°C	70
Coercive force	H_c	(A/m)	23°C	15
			100°C	7.5
Core loss volume density 100kHz 200mT	P_{cv}	(kW/m ³)	23°C	850
			60°C	600
			80°C	520
			100°C	500
			120°C	620
Relative loss factor	10kHz	$\tan \delta / \mu_i$	($\times 10^{-6}$)	3.5
Curie temperature	T_c	(°C)		> 200
Electrical resistivity	ρ	(Ω -m)		5.0
Density	d_s	(kg/m ³)		4.85×10^3

Test core : Toroidal
OD = 25mm ID = 15mm TH = 5mm



