

Material : MB30D

Initial permeability	μ_i		23°C	3000 ± 25%
Saturation magnetic flux density at 1000A/m	B_s	(mT)	23°C	480
			100°C	340
Remanent flux density	B_r	(mT)	23°C	180
Coercive force	H_c	(A/m)	23°C	12
Core loss volume density 100kHz 200mT	P_{cv}	(kW/m ³)	23°C	1100
			60°C	1150
			100°C	1500
Relative loss factor	10kHz	$\tan \delta / \mu_i$	($\times 10^{-6}$)	2.5
Curie temperature	T_c	(°C)		> 200
Electrical resistivity	ρ	(Ω -m)		0.4
Density	d_s	(kg/m ³)		4.85×10^3

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



