

Material : ML12D

Initial permeability	μ_i		23°C	1200 ±25%
Saturation magnetic flux density at 800A/m	B_m	(mT)	23°C	540
			100°C	440
Remanent flux density	B_r	(mT)	23°C	280
			100°C	200
Coercive force	H_c	(A/m)	23°C	60
			100°C	50
Core loss volume density 1MHz 50mT	P_{cv}	(kW/m ³)	23°C	220
			40°C	190
			60°C	180
			80°C	200
			100°C	250
			120°C	340
Relative loss factor	100kHz	$\tan\delta/\mu_i$	($\times 10^{-6}$)	3.5
Curie temperature	T_c	(°C)		> 200
Electrical resistivity	ρ	($\Omega\cdot m$)		6.0
Density	d_s	(kg/m ³)		4.80×10^3

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



