

Material : ML30D

Initial permeability	μ_i	23°C	3000 ±25%
Saturation magnetic flux density at 800A/m	B_s (mT)	23°C	510
		100°C	390
Remanent flux density	B_r (mT)	23°C	120
		100°C	80
Coercive force	H_c (A/m)	23°C	12
		100°C	7
Core loss volume density 100kHz 200mT	P_{cv} (kW/m ³)	23°C	560
		60°C	380
		80°C	430
		100°C	550
		120°C	690
Relative loss factor	100kHz $\tan\delta/\mu_i$ ($\times 10^{-6}$)		3.5
Curie temperature	T_c (°C)		> 200
Electrical resistivity	ρ (Ω·m)		5.0
Density	d_s (kg/m ³)		4.80×10^3

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



