

Material : ML25D

Initial permeability	μ_i		23°C	2500 ±25%
Saturation magnetic flux density at 1200A/m	B_s	(mT)	23°C	520
			100°C	420
Remanent flux density	B_r	(mT)	23°C	130
			100°C	60
Coercive force	H_c	(A/m)	23°C	12
			100°C	8
Core loss volume density 100kHz 200mT	P_{cv}	(kW/m ³)	23°C	600
			60°C	300
			80°C	250
			100°C	300
			120°C	420
Relative loss factor	100kHz	$\tan\delta/\mu_i$	($\times 10^{-6}$)	3.5
Curie temperature	T_c	(°C)		> 200
Electrical resistivity	ρ	($\Omega\cdot m$)		8.0
Density	d_s	(kg/m ³)		4.85×10^3

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



