

ITEM	Symbol	Unit	Measurtionsing Conditions		Material
			settings	Temp.	
Initial permeability	μ_i			20°C	KL45 2400 ± 25%
Saturation magnetic flux density	Bs	mT	H=1000A/m	20°C	510
				100°C	400
Remanent flux density	Br	mT	H=1000A/m	20°C	130
				100°C	60
Coercive force	Hc	A/m	H=1000A/m	20°C	10
				100°C	
Core loss volume density	Pcv	kW/m ³		20°C	600
				60°C	390
				80°C	380
				100°C	520
				120°C	680
Relative loss factor	$\tan \delta / \mu_i$	$\times 10^{-5}$			4
Curie temperature	Tc	°C			> 210
Electrical resistivity	ρ	$\Omega \cdot m$			6
Density	ds	g/cm ³			4.85

