

Material Characteristics

ITEM	SYMBOL	UNIT	CONDITIONS		Material
			settings	Temp.	
Initial permeability	μ_i		100kHz;0.5mA	25°C	3300±25%
Saturation magnetic flux density	Bs	mT	10KHz; H=1200A/m	25°C	530
				100°C	420
Core loss volume density	Pcv	Mw/C.C	100KHz; 200mT	25°C	290
				60°C	280
				100°C	270
				120°C	320
				140°C	370
				25°C	220
			200KHz; 125mT	60°C	210
				100°C	220
				120°C	260
				140°C	310
				25°C	255
				60°C	245
			300KHz; 100mT	100°C	280
				120°C	320
				140°C	380
Residual magnetic flux Density	Br	mT	10KHz; H=1200A/m	25°C	80
				100°C	70
Coercive force	Hc	A/m	10KHz; H=1200A/m	25°C	10
				100°C	9
Curie temperature	Tc	°C			> 230
Density	d	g/cm ³			> 4.9

