

Material Characteristics

Ni-Zn Material

Material			MC-1SD	
Initial permeability	$\mu_{i,ac}$			70 \pm 25%
Relative loss factor	$\tan\delta/\mu_{i,ac}$	$\times 10^{-6}$	25°C	30 (10MHz)
Saturation flux density (1194A/m)	Bs	mT	25°C	250
Remanence	Br	mT	25°C	110
Coercivity	Hc	A/m	25°C	170
Relative temp. factor (20°C~60°C)	$\alpha_{\mu r}$	$\times 10^{-6}/^{\circ}\text{C}$		70~90
Curie Temperature	Tc	°C		>400
Density	d	kg/m ³		4.7 $\times 10^3$
Resistivity	ρ	M Ω -m	25°C	>10

Note : 1) Typical values
 2) The values were obtained with toroidal cores(30X8-20H) at room temperature unless indicated otherwise

