

Ni-Zn Material

Material			SN-12L	
Initial permeability	μ_{iac}			1200 \pm 20%
Relative loss factor	$\tan\delta/\mu_{iac}$	$\times 10^{-6}$	25 $^{\circ}$ C	10 (0.1MHz)
Core loss	Pcv	kW/m ³	50kHz, 150mT, 80 $^{\circ}$ C	260
			100kHz, 100mT, 80 $^{\circ}$ C	315
Saturation flux density (1194A/m)	Bs	mT	25 $^{\circ}$ C	350
Remanence	Br	mT	25 $^{\circ}$ C	230
Coercivity	Hc	A/m	25 $^{\circ}$ C	12
Curie Temperature	Tc	$^{\circ}$ C		>150
Density	d	kg/m ³		5.0 $\times 10^3$
Resistivity	ρ	M Ω -m	25 $^{\circ}$ C	>2.0

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

