

Material Characteristics

Ni-Zn Material

Material			SN-10HT	
Initial permeability	μ_{iac}			1100 ±20%
Relative loss factor	$\tan\delta/\mu_{iac}$	$\times 10^{-6}$	25°C	10 (0.1MHz)
Core loss	P _{cv}	kW/m ³	50kHz, 150mT, 100°C	310
			100kHz, 100mT, 100°C	355
Saturation flux density (1194A/m)	B _s	mT	25°C	340
Remanence	B _r	mT	25°C	220
Coercivity	H _c	A/m	25°C	14
Curie Temperature	T _c	°C		>160
Density	d	kg/m ³		5.0×10 ³
Resistivity	ρ	MΩ·m	25°C	>6.0

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

