

Material Characteristics

Mg-Zn Material

Material		SY-08N		
Initial permeability	μ_{iac}			700 ±20%
Relative loss factor	$\tan\delta/\mu_{iac}$	$\times 10^{-6}$	25°C	30 (0.1MHz)
Saturation flux density (1194A/m)	Bs	mT	25°C	240
Remanence	Br	mT	25°C	160
Coercivity	Hc	A/m	25°C	30
Relative temp. factor (20°C~60°C)	$\alpha\mu r$	$\times 10^{-6}/^{\circ}\text{C}$		10
Curie Temperature	Tc	°C		>110
Density	d	kg/m ³		4.6×10^3
Resistivity	ρ	MΩ·m	25°C	>1.0

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

