Material Characteristics

Mg-Zn Material

Material				L-82
Initial permeability	μ_{iac}			350 ±25%
Relative loss factor	$\tan\delta/\mu_{iac}$	$\times10^{-6}$	25℃	30 (0.8MHz)
Saturation flux density (1194A/m)	Bs	mT	25℃	220
Remanence	Br	mT	25℃	130
Coercivity	Hc	A/m	25℃	64
Relative temp. factor (20℃~60℃)	$\alpha\mu r$	$\times10^{-6}$/℃		15
Curie Temperature	Tc	℃		>120
Density	d	kg/m³		5.0×10^{3}
Resistivity	ρ	MΩ·m	25℃	>10

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