

Material Characteristics

Power Material

Material			PL-13L	
Initial permeability	μ_{iac}			2500 ±25%
Core loss (100kHz, 200mT)	P _{cv}	kW/m ³	25°C	600
			80°C	350
			100°C	300
			120°C	380
Saturation flux density (1194A/m)	B _s	mT	25°C	520
			100°C	420
Remanence	Br	mT	25°C	145
Coercivity	H _c	A/m	25°C	9
Curie temperature	T _c	°C		> 220
Density	d	kg/m ³		4.90×10 ³
Resistivity	ρ	Ω·m	25°C	> 5.0

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

