

# Power Material

Material			PL-13	
Initial permeability	$\mu_{iac}$			3200 ±25%
Core loss (100kHz, 200mT)	Pcv	kW/m <sup>3</sup>	25°C	400
			80°C	300
			100°C	340
			120°C	400
Saturation flux density (1194A/m)	Bs	mT	25°C	520
			100°C	410
Remanence	Br	mT	25°C	60
Coercivity	Hc	A/m	25°C	8
Curie temperature	Tc	°C		> 220
Density	d	kg/m <sup>3</sup>		4.90 × 10 <sup>3</sup>
Resistivity	$\rho$	$\Omega \cdot m$	25°C	> 7.0

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

