

Power Material for High Frequency Applications

Material			PL-F2	
Initial permeability	μ_{iac}			1000 \pm 25%
Core loss (1MHz, 30mT)	Pcv	kW/m ³	25°C	125
			80°C	110
			100°C	125
			120°C	150
Saturation flux density (1194A/m)	Bs	mT	25°C	480
			100°C	390
Remanence	Br	mT	25°C	200
Coercivity	Hc	A/m	25°C	45
Curie temperature	Tc	°C		> 240
Density	d	kg/m ³		4.70 \times 10 ³
Resistivity	ρ	$\Omega\cdot m$	25°C	> 25

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

