



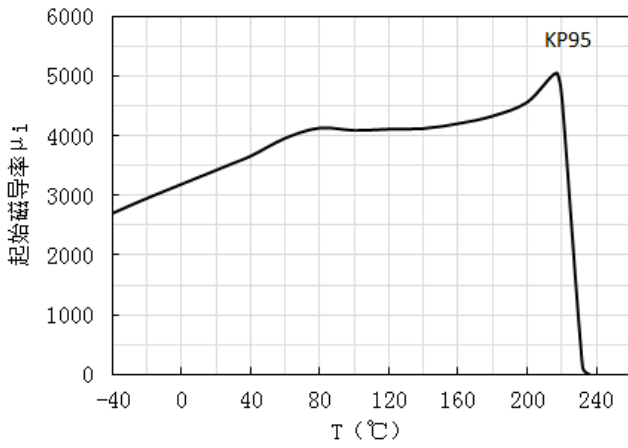
KP95

Material Characteristics

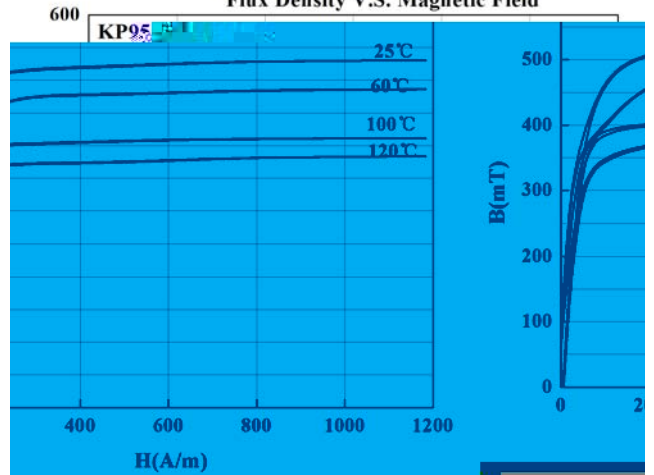
Symbol	Unit	Conditions		KP95
μ_i Initial permeability ($\pm 25\%$)		25		3300
B_s Saturation flux density	mT	60 Hz 1194 A/m	25	530
			100	410
B_r Residual magnetic flux density	mT	25		85
		100		60
H_c Coercive force	A/m	25		10
P_{cv} Power loss	kW/m^3	100 kHz 200 mT	25	350
			80	270
			100	290
			120	350
T_c Curie temperature				215
Resistivity	$\Omega \cdot \text{m}$	25		6
d Density	kg/m^3	25		4.9×10^3



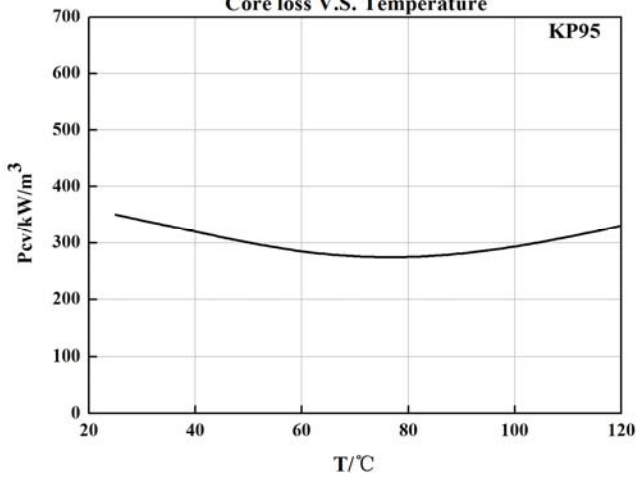
Initial Permeability V. S. Temperature



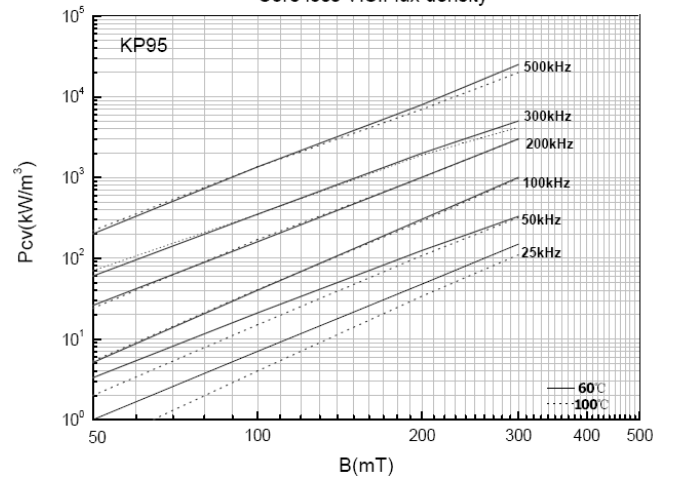
Flux Density V.S. Magnetic Field



Core loss V.S. Temperature



Core loss V.S. Flux density



$\phi 25 \times \phi 15 \times 7.5$

The above typical data are calculated from the standard toroid core. Specific performance of the product will be adjusted on this basis.