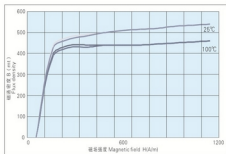
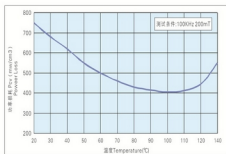
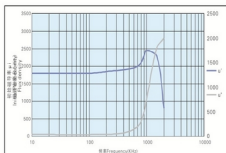
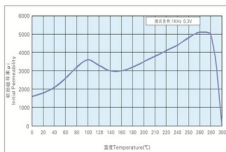


### JF90 材料特性 JF90 Material Characteristics



#### 材料特点

主要应用于中频率 (小于300KHz)  
 mostly used at middle frequency (less than 300KHz)  
 比JF47材料更高的饱和磁感应强度  
 high saturation flux density than JF47  
 低损耗  
 low core loss

特性 Characteristics	单位	JF90
初始磁导率 $\mu_i$ Initial Permeability		1800 $\pm$ 25%
振幅磁导率 $\mu_a$ Amplitude Permeability		3000min
饱和磁通密度Bs Saturation magnetic density	25°C 100°C mT	540 460 (1194A/m)
剩磁Br Remanence	25°C 100°C mT	200 120
矫顽力 Coercivity	25°C 100°C A/m	20 13
功率损耗Pcv (100Kz 200mT) Power Loss	25°C 80°C 100°C 120°C KW/m <sup>3</sup>	700 400 400 400
电阻率 $\rho$ Electrical resistivity	$\Omega \cdot m$	6.5
居里温度Tc Curie temperature	°C	> 280
密度d Density	kg/m <sup>3</sup>	4.9 $\times$ 10 <sup>3</sup>

