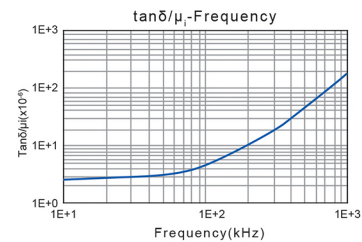
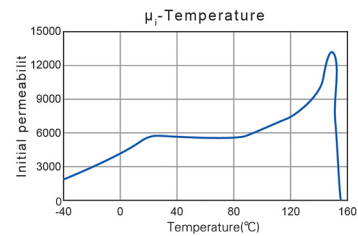
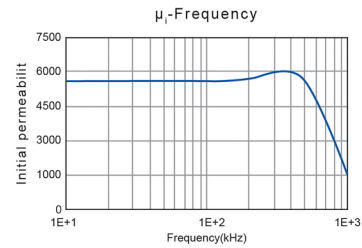
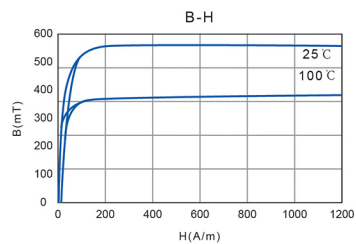


**Material: FW5K****Features:**

- 1. High Initial Permeability (about 5500)
- 2. Low Relative Loss Factor
- 3. The Initial Permeability Vs Frequency Characteristic is Good

Initial permeability	$\mu_i$	25°C	5500±30%
Saturation magnetic flux density	Bs(mT)	25°C	410
Remanence	Br(mT)	25°C	70
Coercivity	Hc(A/m)	25°C	6
Relative loss factor 100kHz	$\tan\delta/\mu_i$ ( $\times 10^{-6}$ )		< 10
Relative temperature coefficient	$\alpha_{\mu ir}$ ( $\times 10^{-6}/^\circ\text{C}$ )	20°C~60°C	-0.5~2.0
Disaccommodation factor	D <sub>F</sub> ( $\times 10^{-6}$ )	1~10min	< 3.0
Curie temperature	T <sub>c</sub> (°C)		≥ 150
Electrical resistivity	$\rho(\Omega\cdot\text{m})$		1
Density	d(kg/m <sup>3</sup> )		4.8×10 <sup>3</sup>
Test core: Toroid(mm)			
OD: 18			
ID: 8			
H: 5			

**Material: FW5K**