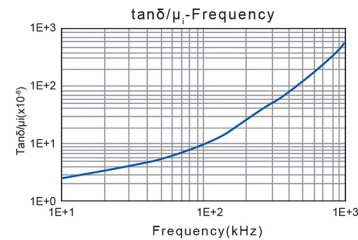
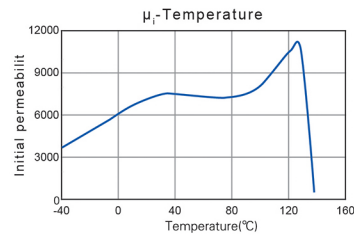
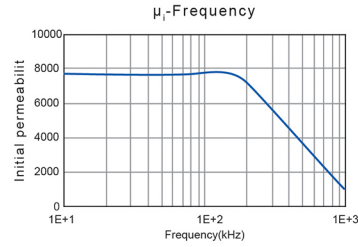
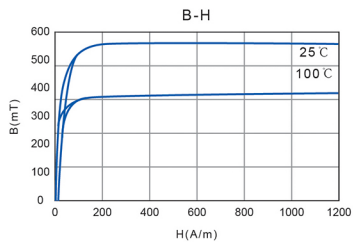


# Material: FW7K

## Features:

- ① High Initial Permeability(about 7500)
- ② Low Relative Loss Factor
- ③ The Initial Permeability Vs Frequency Characteristic is Good

Initial permeability	$\mu_i$	25°C	7500±30%
Saturation magnetic flux density	Bs(mT)	25°C	410
Remanence	Br(mT)	25°C	80
Coercivity	Hc(A/m)	25°C	6
Relative loss factor 100kHz	$\tan\delta/\mu_i$ ( $\times 10^{-6}$ )		<20
Relative temperature coefficient	$\alpha_{\mu ir}$ ( $\times 10^{-6}/^\circ\text{C}$ )	20°C~60°C	-0.5~2.0
Disaccommodation factor	$D_F$ ( $\times 10^{-6}$ )	1~10min	<2.5
Curie temperature	Tc(°C)		≥125
Electrical resistivity	$\rho(\Omega\cdot\text{m})$		0.3
Density	d(kg/m <sup>3</sup> )		4.8×10 <sup>3</sup>
Test core:Toroid(mm)			
OD: 18			
ID: 8			
H: 5			



# Material: FW7K

