

诚信铸就品质

创新引领未来



## 磁粉目录

# 桐乡·重庆耀润



# YR28

材料: YR28

特点: 主要应用于中频段(小于 200kHz)  
低磁芯损耗, 高饱和磁通密度  
损耗最低的温度点约在 100°C

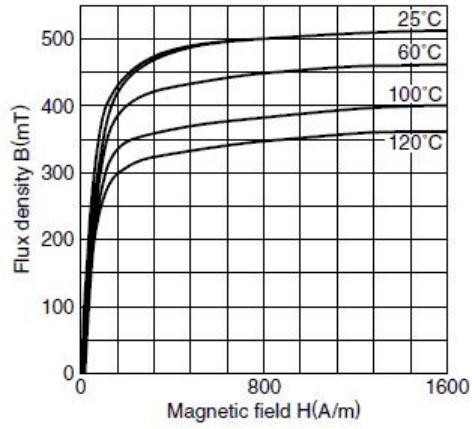
Material: YR28

Features: Mostly used at middle frequency(less than 200kHz)

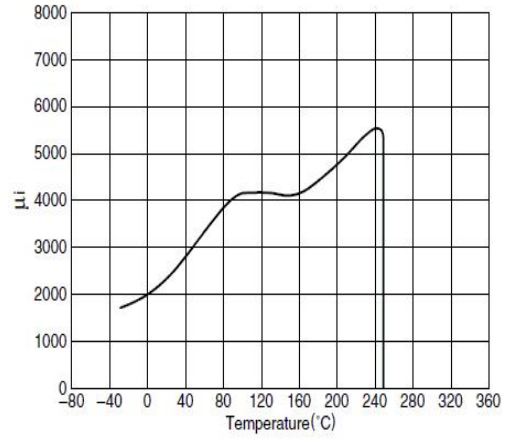
Low core loss and high saturation magnetic flux density

The temperature point of the lowest core loss at 100°C

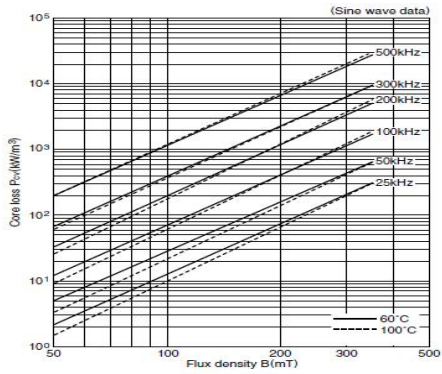
材质 Material				YR28
初始磁导率 Initial permeability $\mu_i$				2300±25%
振幅磁导率 Amplitude permeability $\mu_a$				3000min
功率损耗* Core loss $P_{cv}$ kW/m <sup>3</sup>	25kHz 200mT 正弦波	25°C	H=1194 A/m	120
				60°C
				100°C
				120°C
				25°C
				60°C
				100°C
				120°C
饱和磁通密度* magnetic flux density $B_s$ mT	H=1194 A/m	25°C	H=1194 A/m	510
				60°C
				100°C
				120°C
剩余磁通密度* Remanent flux density $B_r$ mT		25°C		95
				60°C
				100°C
				120°C
矫顽力* Coercive force $H_c$ A/m		25°C		14.3
				60°C
				100°C
				120°C
居里温度 Curie temperature $T_c$ °C				>215
密度* Density $\delta_b$ g/cm <sup>3</sup>				4.8
电阻率* Electrical resistivity $\rho$ Ω·m				6.5



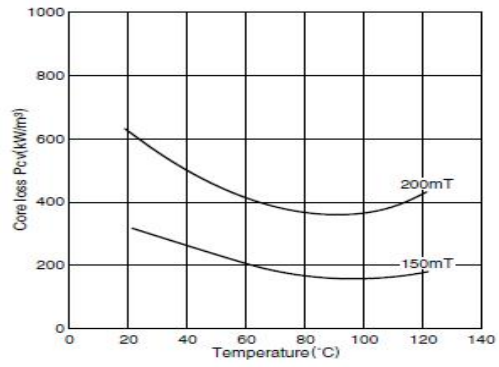
B-H



$\mu_i$ -T



$P_{cv}$ - $B_m$



$P_{cv}$ -T

# YR48

材料: YR48

特点: 主要应用于中频段(小于 300kHz)

低磁芯损耗, 高饱和磁通密度

损耗最低的温度点约在 100°C

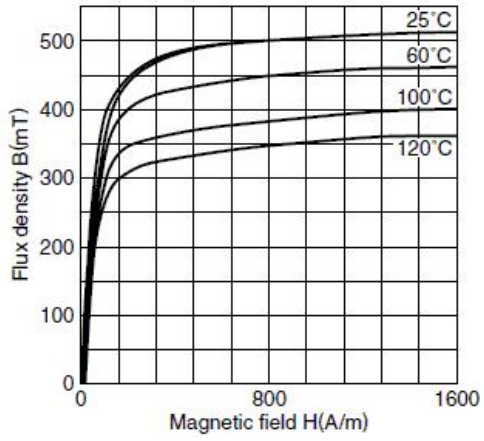
Material: YR48

Features: Mostly used at middle frequency(less than 300kHz)

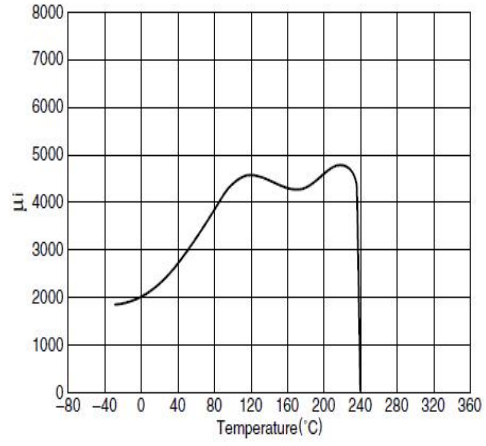
Low core loss and high saturation magnetic flux density

The temperature point of the lowest core loss at 100°C

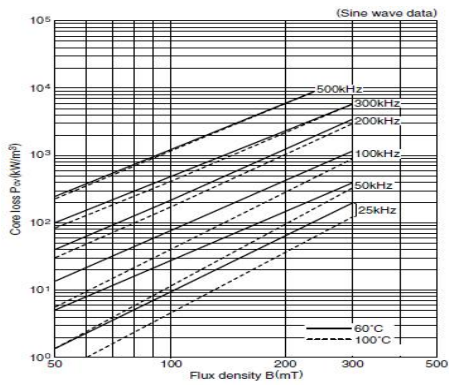
材质		YR48		
Material				
初始磁导率 Initial permeability	$\mu_i$	2400±25%		
振幅磁导率 Amplitude permeability	$\mu_a$	3000min		
功率损耗* Core loss	Pcv	kW/m <sup>3</sup>	25°C	
			25kHz 200mT 正弦波	
			60°C	
			100°C	
			120°C	
			25°C	600
			100kHz 200mT 正弦波	
			60°C	400
100°C	300			
120°C	380			
饱和磁通密度* Saturation magnetic flux density	Bs	mT	H=1194A/m	
			25°C	510
			60°C	450
			100°C	390
120°C	350			
剩余磁通密度* Remanent flux density	Br	mT	25°C	110
			60°C	70
			100°C	60
			120°C	55
矫顽力* Coercive force	Hc	A/m	25°C	13
			60°C	9
			100°C	6.5
			120°C	6
居里温度 Curie temperature	Tc	°C	>215	
密度* Density	db	g/cm <sup>3</sup>	4.8	
电阻率* Electrical resistivity	$\rho$	$\Omega \cdot m$	6.5	



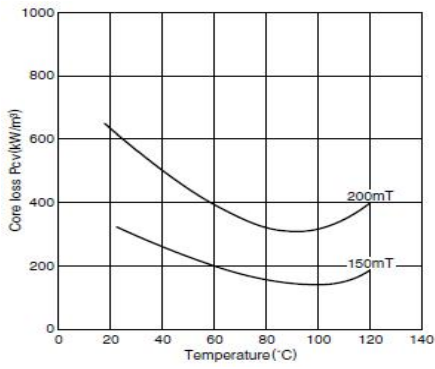
B-H



μ i-T



Pcv-Bm



Pcv-T

# YR48D

材料: YR48D

特点: 主要应用于中频段(小于 300kHz)  
低磁芯损耗, 高饱和磁通密度  
损耗最低的温度点约在 100°C

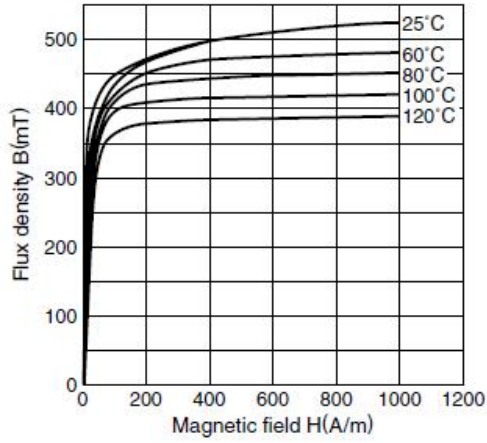
Material: YR48D

Features: Mostly used at middle frequency(less than 300kHz)

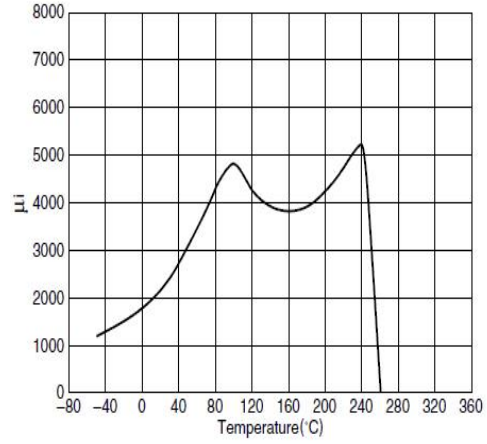
Low core loss and high saturation magnetic flux density

The temperature point of the lowest core loss at 100°C

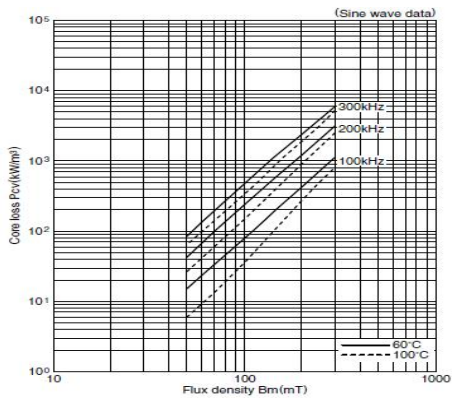
材质		YR48D			
Material		YR48D			
初始磁导率 Initial permeability	$\mu_i$	2500±25%			
振幅磁导率 Amplitude permeability	$\mu_a$				
功率损耗* Core loss	Pcv	kW/m <sup>3</sup>	25kHz	25°C	
			200mT 正弦波	60°C	
				100°C	
				120°C	
				100kHz	600
			200mT 正弦波	60°C	400
				100°C	250
				120°C	360
120°C	360				
饱和磁通密度* Saturation magnetic flux density	Bs	mT	H=1194 A/m	25°C	530
				60°C	480
				100°C	420
				120°C	390
				120°C	390
剩余磁通密度* Remanent flux density	Br	mT	25°C	180	
			60°C	100	
			100°C	60	
			120°C	60	
矫顽力* Coercive force	Hc	A/m	25°C	13	
			60°C	9	
			100°C	6	
			120°C	7	
居里温度 Curie temperature	Tc	°C	>230		
密度* Density	db	g/cm <sup>3</sup>	4.9		
电阻率* Electrical resistivity	$\rho$	$\Omega \cdot m$	4		



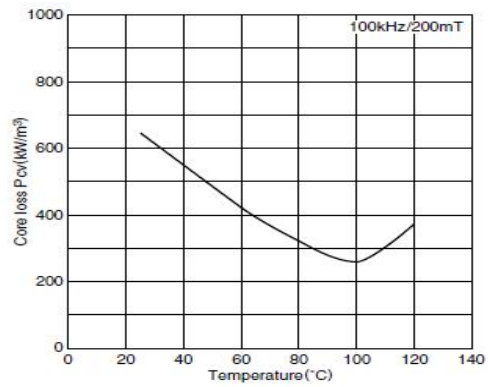
B-H



$\mu_i$ -T



$P_{cv}$ - $B_m$



$P_{cv}$ -T

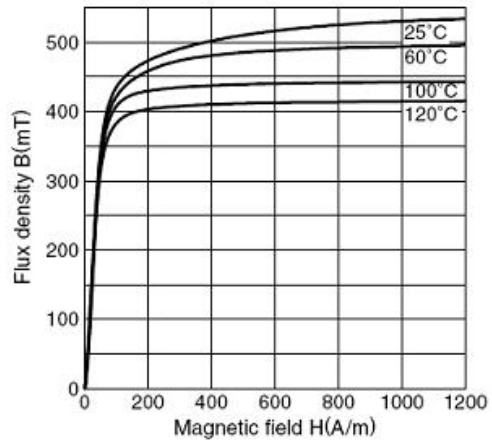
# YR48B

材料: YR48B  
 特点: 高饱和磁通密度  
 较高的居里温度  
 较低的功率损耗

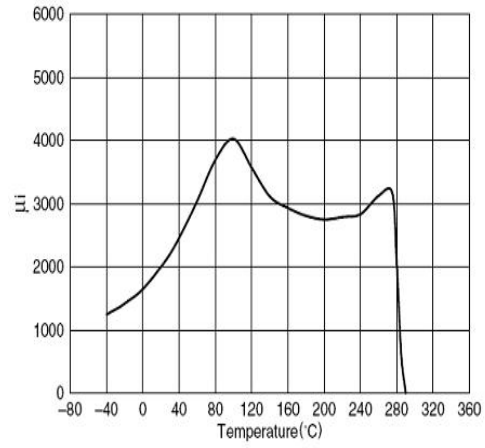
Material: YR48B  
 Features: High saturation magnetic flux  
 High curie temperature  
 Low core loss

材质		YR48B			
Material		YR48B			
初始磁导率 Initial permeability	$\mu_i$	2200±25%			
振幅磁导率 Amplitude permeability	$\mu_a$				
功率损耗* Core loss	Pcv	kW/m <sup>3</sup>	25kHz	25°C	
			200mT	60°C	
				100°C	
			正弦波	120°C	
				25°C	680
			100kHz	60°C	470
				100°C	320
			200mT	120°C	460
25°C	540				
饱和磁通密度* magnetic flux density	Bs	mT	H=1194 A/m	60°C	500
				100°C	450
				120°C	420
				25°C	170
剩余磁通密度* Remanent flux density	Br	mT		60°C	95
				100°C	60
				120°C	65
				25°C	13
矫顽力* Coercive force	Hc	A/m		60°C	9
				100°C	6.5
				120°C	7
				25°C	>250
居里温度 Curie temperature	Tc	°C	>250		
密度* Density	db	g/cm <sup>3</sup>	4.9		
电阻率* Electrical resistivity	$\rho$	$\Omega \cdot m$	4		

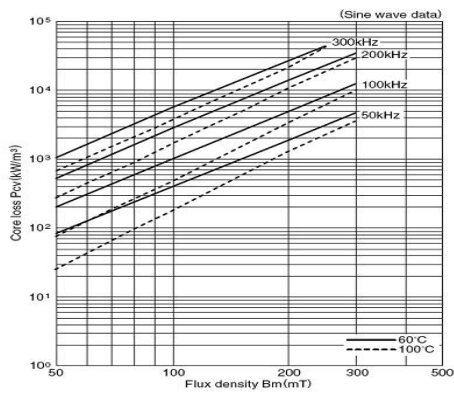




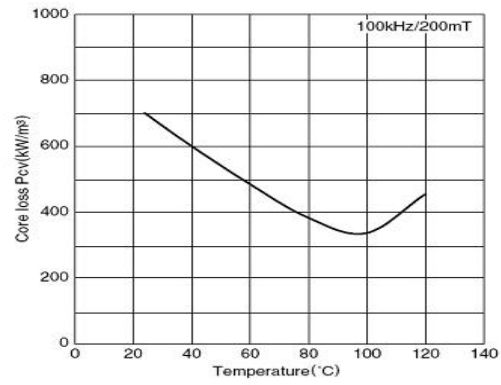
B-H



$\mu_i$ -T



$P_{cv}$ - $B_m$



$P_{cv}$ -T

# YR98

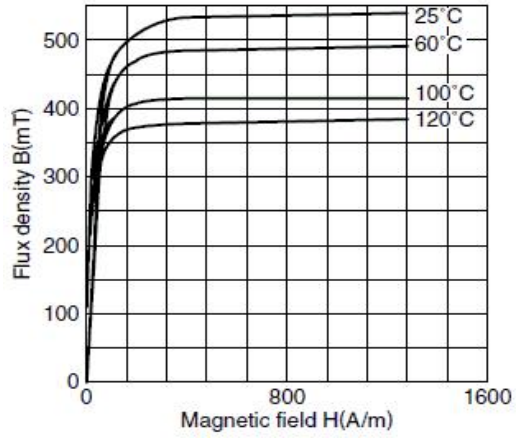
材料: YR98  
 特点: 宽温度低损耗  
 高饱和磁通密度

Material: YR98  
 Features: Low core loss in a wide temperature ranges  
 High saturation magnetic flux density

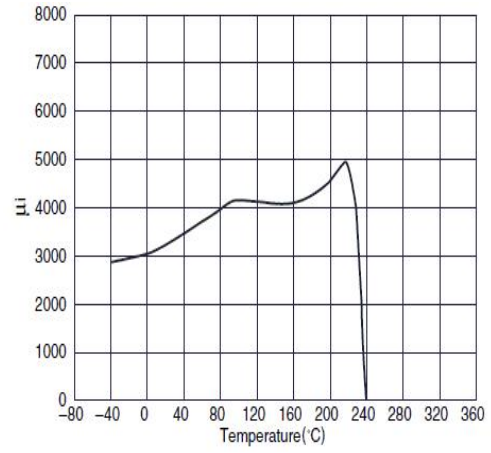
材质		YR98			
Material		YR98			
初始磁导率 Initial permeability	$\mu_i$	3300±25%			
振幅磁导率 Amplitude permeability	$\mu_a$				
功率损耗* Core loss	Pcv	kW/m <sup>3</sup>	25kHz	25°C	
			200mT 正弦波	60°C	
				100°C	
				120°C	
				25°C	350
			100kHz 200mT 正弦波	60°C	
				100°C	290
				120°C	350
25°C	530				
饱和磁通密度* magnetic flux density	Bs	mT	H=1194 A/m	60°C	480
				100°C	410
				120°C	380
				25°C	85
剩余磁通密度* Remanent flux density	Br	mT		60°C	70
				100°C	60
				120°C	55
				25°C	9.5
矫顽力* Coercive force	Hc	A/m		60°C	7.5
				100°C	6.5
				120°C	6
				25°C	>215
居里温度 Curie temperature	Tc	°C			
密度* Density	db	g/cm <sup>3</sup>	4.9		
电阻率* Electrical resistivity	$\rho$	$\Omega \cdot m$	6		

\* 平均值 Average value;

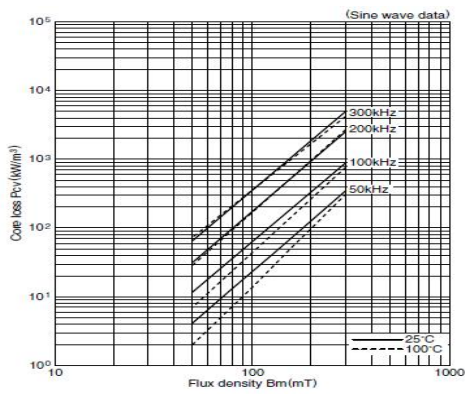
\*\* 500kHz, 50mT



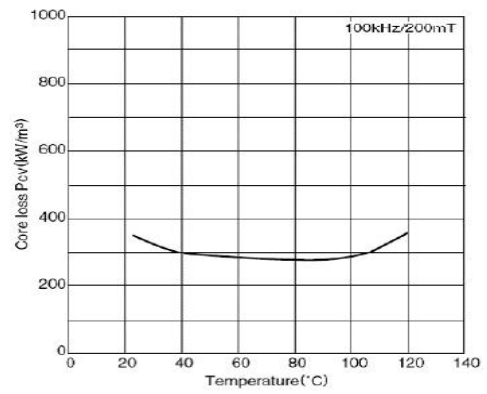
B-H



μ<sub>i</sub>-T



P<sub>cv</sub>-B<sub>m</sub>



P<sub>cv</sub>-T

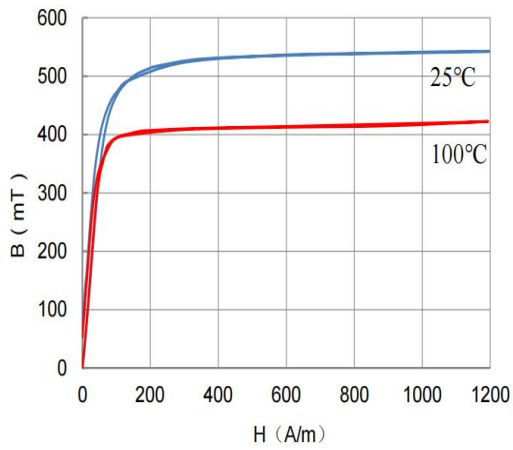
# YR98B

材料: YR98B  
特点: 宽温宽频低损耗材料

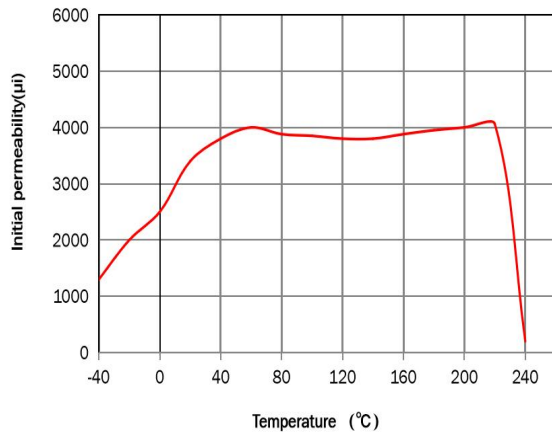
Material: YR98B  
Features: Wide Temp& Wide Freq low loss

材质				YR98B	
Material				YR98B	
初始磁导率 Initial permeability	$\mu_i$			3500±25%	
振幅磁导率 Amplitude permeability	$\mu_a$				
功率损耗* Core loss	Pcv	kW/m <sup>3</sup>	25°C	330	
			100kHz	80°C	260
			200mT	100°C	290
			正弦波	120°C	340
				140°C	390
			200kHz	80°C	140
			100mT	100°C	150
			正弦波	120°C	180
				140°C	210
			200kHz	80°C	450
			150mT	100°C	420
			正弦波	120°C	500
	140°C	600			
饱和磁通密度* magnetic flux density	Bs	mT	H=1194	25°C	530
			A/m	100°C	420
剩余磁通密度* flux density	Br	mT		25°C	80
				100°C	60
矫顽力* Coercive force	Hc	A/m		25°C	10
				100°C	8
居里温度 Curie temperature	Tc	°C	>220		
密度* Density	db	g/cm <sup>3</sup>	4.9		
电阻率* Electrical resistivity	$\rho$	$\Omega \cdot m$	7		

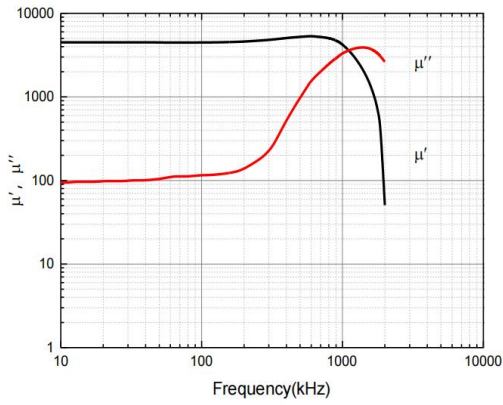
\* 平均值 Average value;



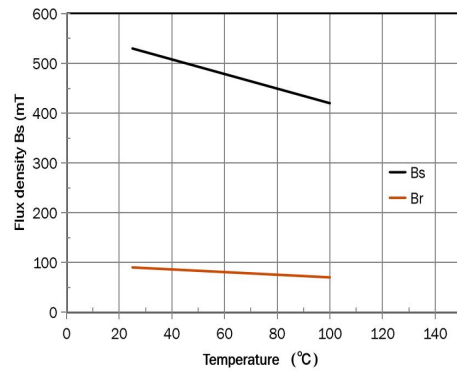
B-H



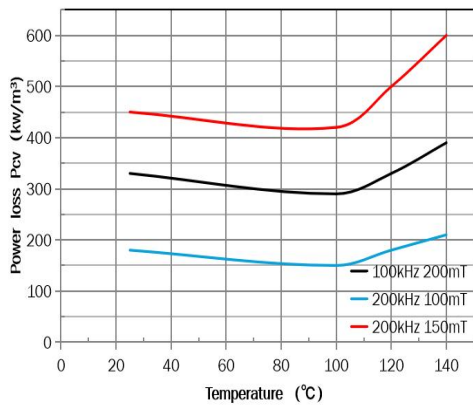
$\mu_i$ -T



$\mu$ -F



$B_s$ -T



$P_{cv}$ -T

# YR98E

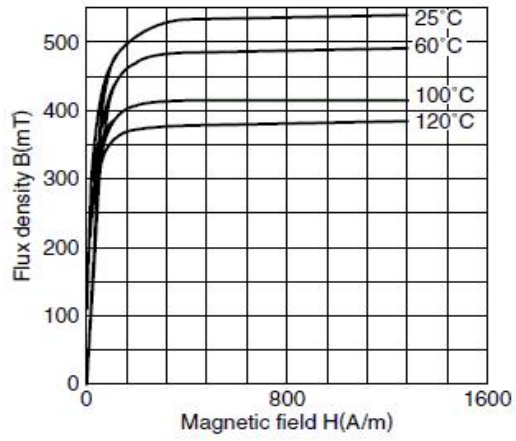
材料: YR98E  
特点: 宽温宽频低损耗材料

Material: YR98E  
Features: Wide Temp& Wide Freq low loss

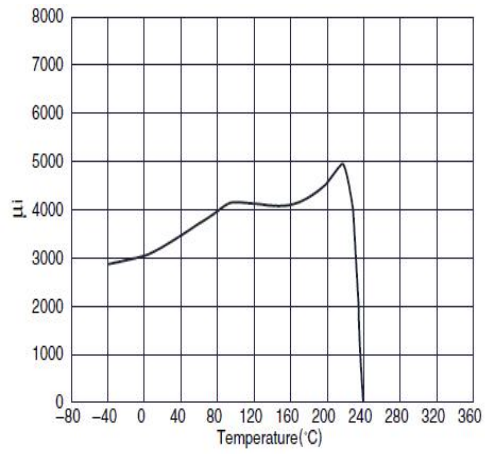
材质 Material				YR98E	
初始磁导率 Initial permeability	$\mu_i$			3500±25%	
振幅磁导率 Amplitude permeability	$\mu_a$				
功率损耗* Core loss	Pcv	kW/m <sup>3</sup>	25kHz	25℃	
			200mT	60℃	
				100℃	
			正弦波	120℃	
				25℃	260/260**
			100kHz	60℃	
				100℃	270/290**
			200mT	120℃	320
25℃	530				
饱和磁通密度* magnetic flux density	Bs	mT	H=1194	25℃	
			A/m	60℃	
				100℃	420
			120℃		
剩余磁通密度* Remanent flux density	Br	mT		25℃	
				60℃	
				100℃	70
				120℃	
矫顽力* Coercive force	Hc	A/m		25℃	
				60℃	
				100℃	8
				120℃	
居里温度 Curie temperature	Tc	℃	>215		
密度* Density	db	g/cm <sup>3</sup>	4.9		
电阻率* Electrical resistivity	$\rho$	$\Omega \cdot m$	6		

\* 平均值 Average value;

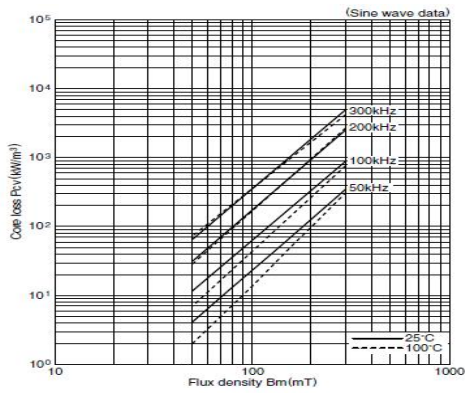
\*\* 300kHz, 100mT



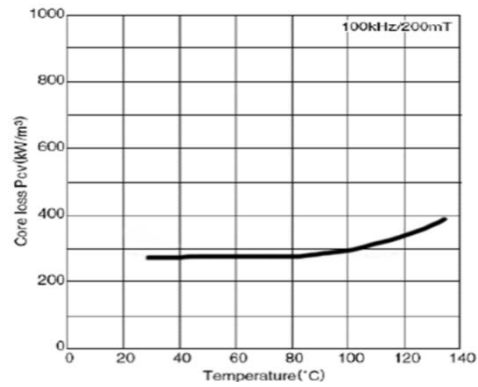
B-H



$\mu_i$ -T



$P_{cv}$ - $B_m$



$P_{cv}$ -T

# YR98G

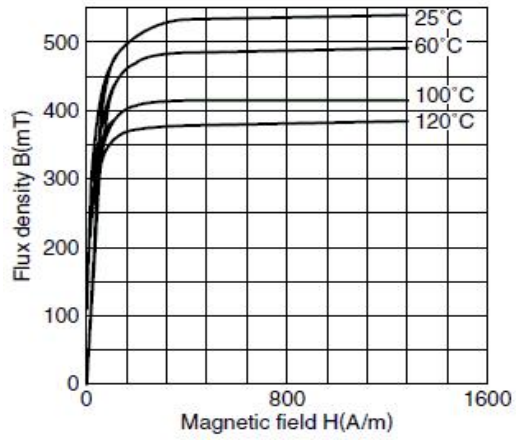
材料: YR98G  
 特点: 宽温高饱和磁通密度材料

Material: YR98G  
 Features: Wide Temp & High Bs

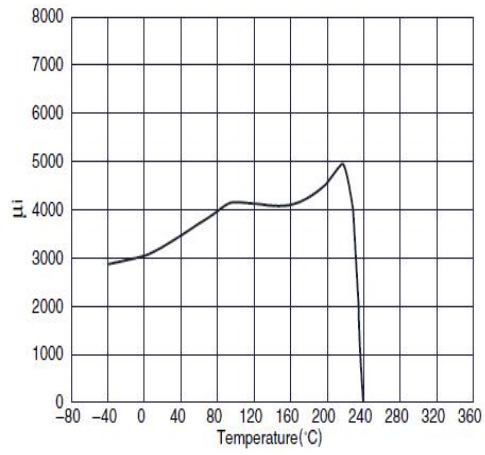
材质 Material				YR98G
初始磁导率 Initial permeability $\mu_i$				3300±25%
振幅磁导率 Amplitude permeability $\mu_a$				
功率损耗* Core loss Pcv	kW/m <sup>3</sup>	25kHz 200mT 正弦波	25°C	
			80°C	
			100°C	
			120°C	
			25°C	380
			80°C	360
			100°C	370
			120°C	400
饱和磁通密度* magnetic flux density Bs	mT	H=1194 A/m	25°C	540
			60°C	
			100°C	450
			120°C	
剩余磁通密度* Remanent flux density Br	mT		25°C	90
			60°C	
			100°C	60
			120°C	
矫顽力* Coercive force Hc	A/m		25°C	10
			60°C	
			100°C	6.5
			120°C	
居里温度 Curie temperature Tc	°C			>230
密度* Density db	g/cm <sup>3</sup>			4.85
电阻率* Electrical resistivity $\rho$	$\Omega \cdot m$			6

\* 平均值 Average value;

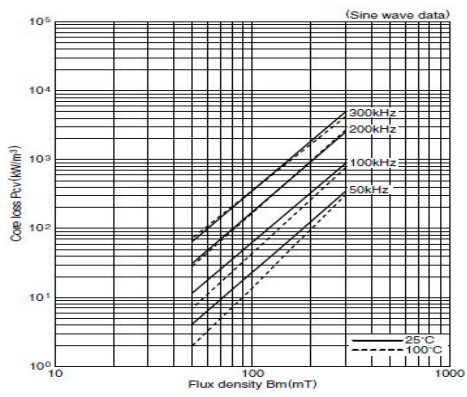




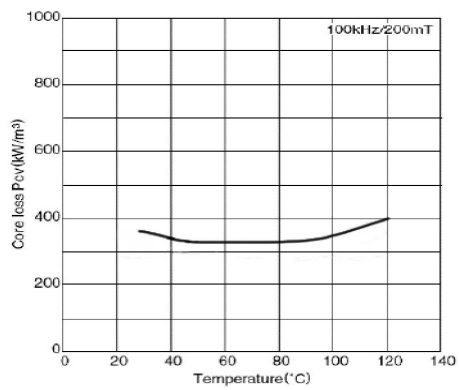
B-H



μ i-T



Pcv-Bm



Pcv-T

# YR58

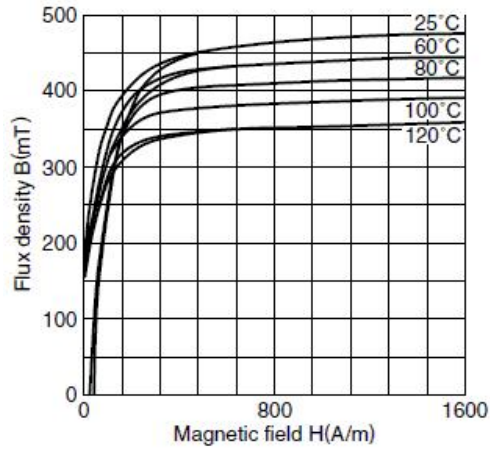
材料: YR58  
 特点: 主要应用于高频段  
 (500kHz 到 1MHz)  
 损耗最低的温度点约在 100°C

Material: YR58  
 Features: Mostly used at high frequency(from  
 500kHz to 1MHz )  
 The temperature point of the lowest core loss at  
 100°C

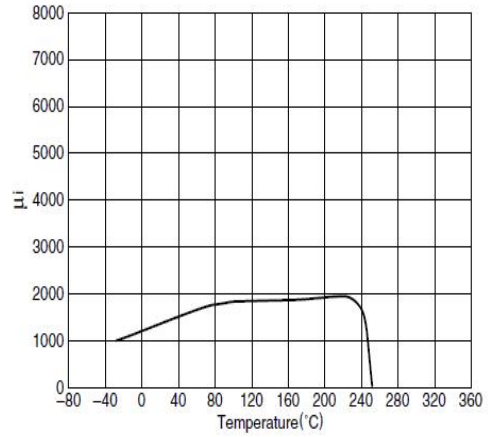
材质 Material	YR58				
初始磁导率 Initial permeability	$\mu_i$	1400±25%			
振幅磁导率 Amplitude permeability	$\mu_a$				
功率损耗* Core loss	Pcv	kW/m <sup>3</sup>	25kHz 200mT 正弦波	25°C	
				60°C	
				100°C	
				120°C	
			100kHz 200mT 正弦波	25°C	130**
				60°C	80**
				100°C	80**
				120°C	110**
饱和磁通密度* magnetic flux density	Bs	mT	H=1194 A/m	25°C	470
				60°C	440
				100°C	380
				120°C	350
剩余磁通密度* Remanent flux density	Br	mT		25°C	140
				60°C	110
				100°C	98
				120°C	100
矫顽力* Coercive force	Hc	A/m		25°C	36.5
				60°C	31
				100°C	27.2
				120°C	26
居里温度 Curie temperature	Tc	°C	>240		
密度* Density	db	g/cm <sup>3</sup>	4.8		
电阻率* Electrical resistivity	$\rho$	$\Omega \cdot m$	30		

\* 平均值 Average value;

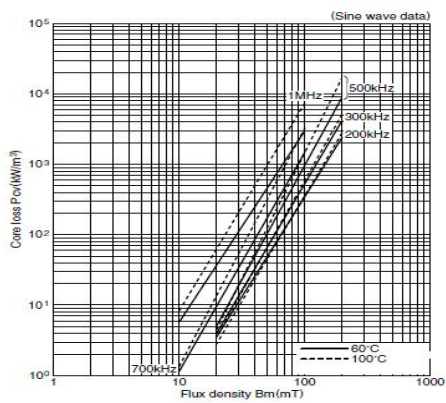
\*\* 500kHz, 50mT



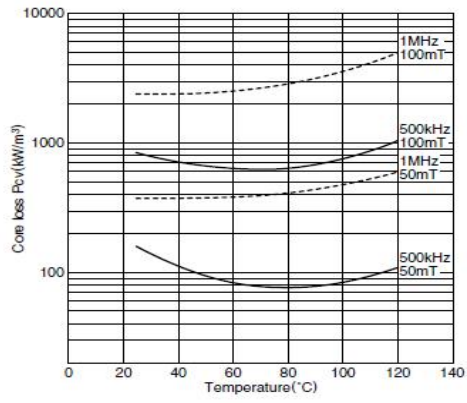
B-H



μ i-T



Pcv-Bm



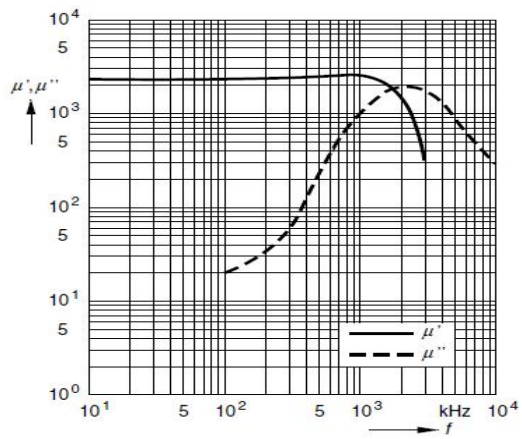
Pcv-T

# YR48Q

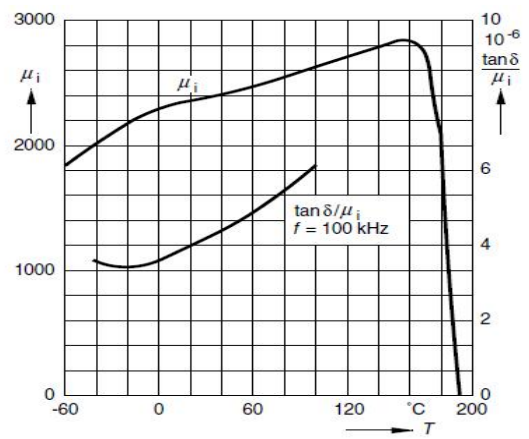
材料: YR48Q  
特点: 低比损耗因子  
低磁滞损耗系数

Material: YR48Q  
Features: Low relative loss factor  
Low hysteresis material constant

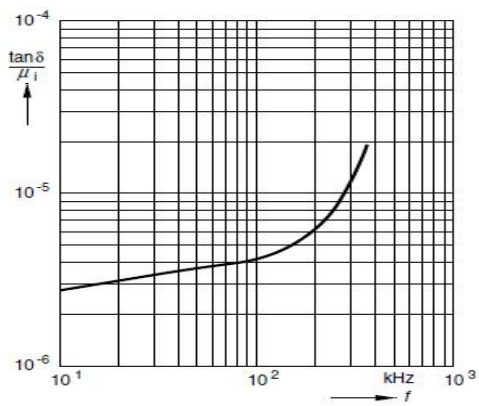
材质 Material			YR48Q
初始磁导率 Initial permeability	$\mu_i$		2300±25%
比损耗系数 Relative loss factor	$\tan\delta/\mu_i$	$\times 10^{-6}$	$\leq 4$ (10kHz) $\leq 6$ (100kHz)
饱和磁通密度 Saturation magnetic flux density (H=1194A/m)	$B_s$	mT	420 (25°C) 310 (100°C)
剩余磁通密度 Remanent flux density	$B_r$	mT	
矫顽力 Coercive force	$H_c$	A/m	
比温度系数 Relative temperature coefficient (20~60°C)	$\alpha_{\mu r}$	$\times 10^{-6}/^\circ\text{C}$	0.3~1.3
比磁滞损耗系数 Hysteresis material constant 25°C,10kHz,1.5~3mT	$\eta_B$	$\times 10^{-6}/\text{mT}$	<0.4
居里温度 Curie temperature	$T_c$	°C	>170
电阻率 Electrical resistivity	$\rho$	$\Omega\cdot\text{m}$	
密度 Density	$d$	$\text{g}/\text{cm}^3$	



$\mu - f$



$\tan \delta / \mu_i - T$



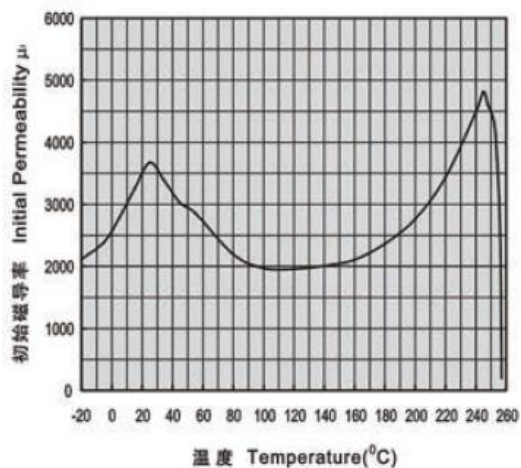
$\tan \delta / \mu_i - f$

# YR38Q

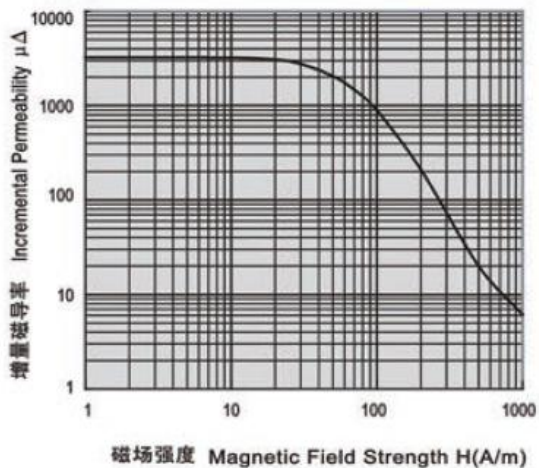
材料: YR38Q  
特点: 高磁导率(约 3800)  
高饱和磁通密度  
较高的居里温度

Material: YR38Q  
Features: High initial permeability(about 3800)  
High saturation magnetic flux density  
High curie temperature

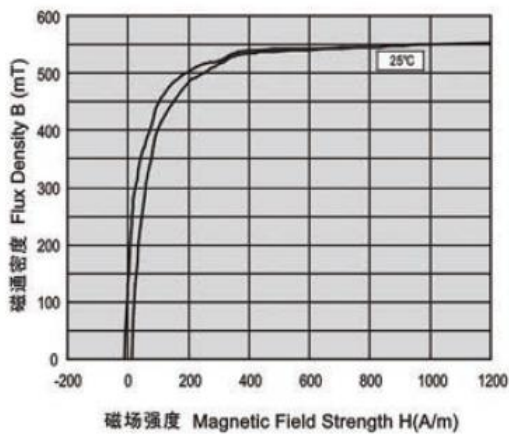
材质 Material			YR38Q
初始磁导率 Initial permeability	$\mu_i$		3800±25%
比损耗系数 Relative loss factor	$\tan\delta/\mu_i$	$\times 10^{-6}$	$\approx 1$ (10kHz) $\approx 2$ (100kHz)
饱和磁通密度 Saturation magnetic flux density (H=1194A/m)	$B_s$	mT	550 (25°C) 435 (100°C)
剩余磁通密度 Remanent flux density	$B_r$	mT	
矫顽力 Coercive force	$H_c$	A/m	12
比温度系数 Relative temperature coefficient (20~60°C)	$\alpha_{\mu r}$	$\times 10^{-6}/^\circ\text{C}$	$\approx 4.4$ (5~25°C) $\approx -2.2$ (25~55°C)
比磁滞损耗系数 Hysteresis material constant 25°C, 10kHz, 1.5~3mT	$\eta_B$	$\times 10^{-6}/\text{mT}$	<0.3
居里温度 Curie temperature	$T_c$	°C	>255
电阻率 Electrical resistivity	$\rho$	$\Omega \cdot \text{m}$	
密度 Density	$d$	$\text{g}/\text{cm}^3$	



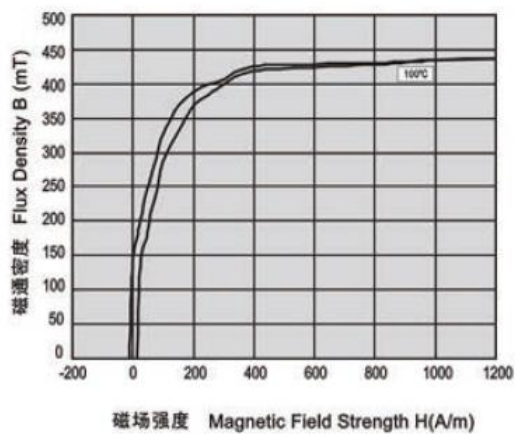
$\mu$  - T



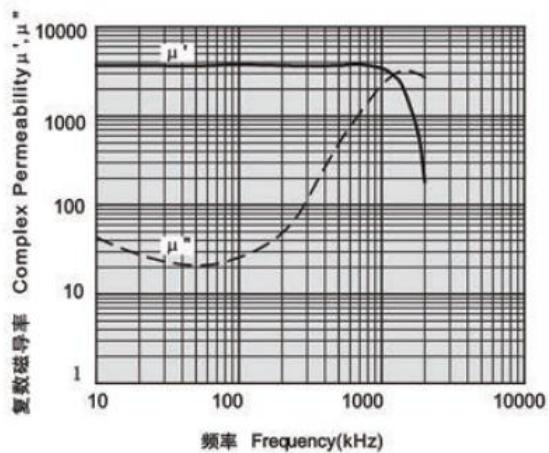
$\mu_{\Delta}$  - H



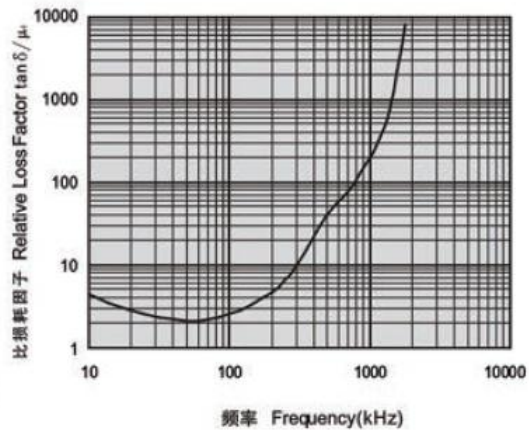
B-H (25 $^{\circ}$ C)



B-H(100 $^{\circ}$ C)



$\mu$  - f



$\tan \delta / \mu$  - f

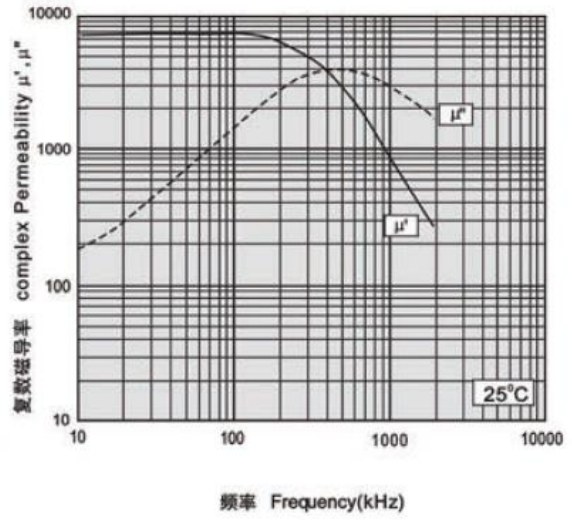
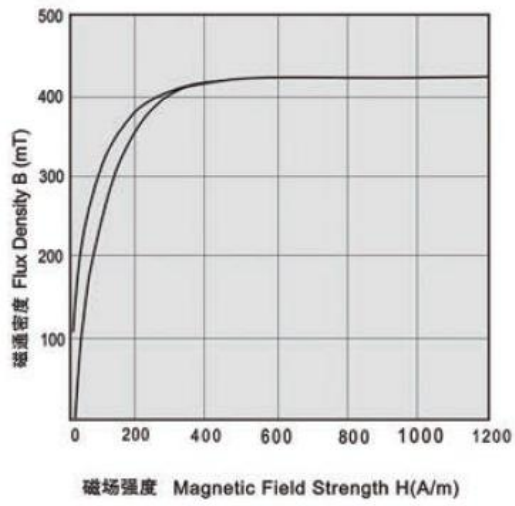
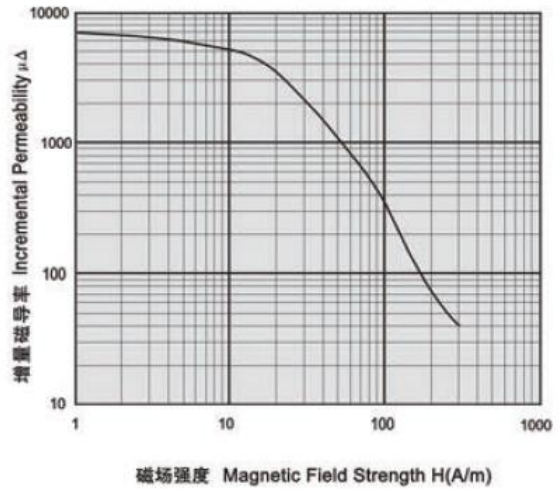
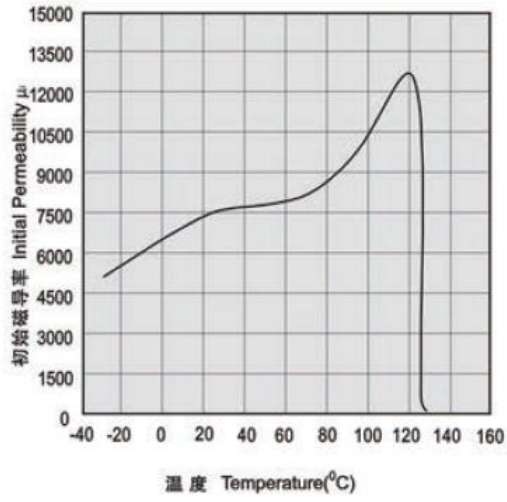
# YR46

材料: YR46  
特点: 高磁导率(约 7000)  
低比损耗因子  
频率特性优良

Material: YR46  
Features: High initial permeability(about 7000)  
Low relative loss factor  
The initial permeability vs frequency Characteristic is good

材质 Material	YR46		
初始磁导率 Initial permeability	$\mu_i$	7000±25%	
比损耗系数 Relative loss factor	$\tan\delta/\mu_i$	$\times 10^{-6}$	<30 (100kHz)
饱和磁通密度 Saturation magnetic flux density (H=1194A/m)	$B_s$	mT	420
剩余磁通密度 Remanent flux density	$B_r$	mT	110
矫顽力 Coercive force	$H_c$	A/m	7
比温度系数 Relative temperature coefficient (20~60°C)	$\alpha_{\mu r}$	$\times 10^{-6}/^\circ\text{C}$	-0.5~2.0
比磁滞损耗系数 Hysteresis material constant 25°C,10kHz,1.5~3mT	$\eta_B$	$\times 10^{-6}/\text{mT}$	<1.2
居里温度 Curie temperature	$T_c$	°C	>125
电阻率 Electrical resistivity	$\rho$	$\Omega\cdot\text{m}$	0.2
密度 Density	$d$	$\text{g}/\text{cm}^3$	4.9



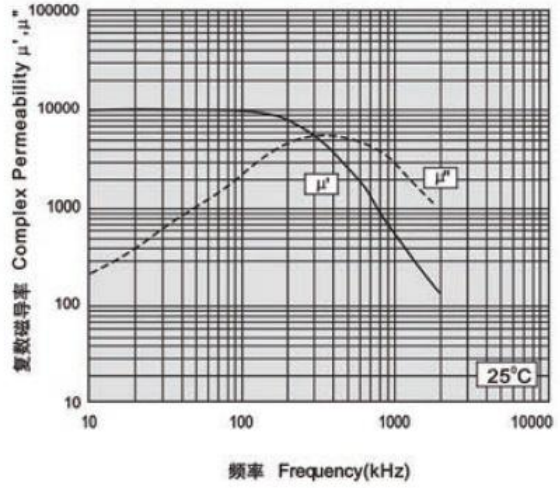
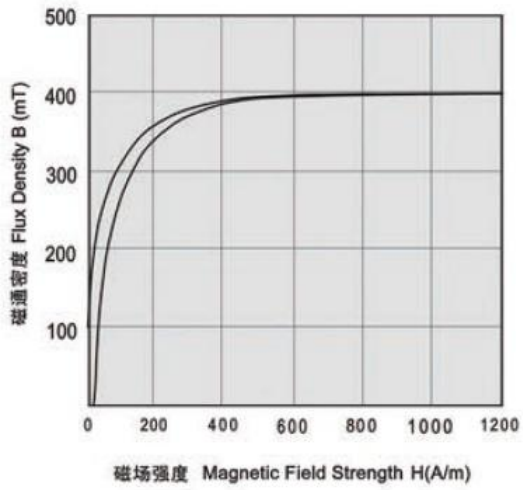
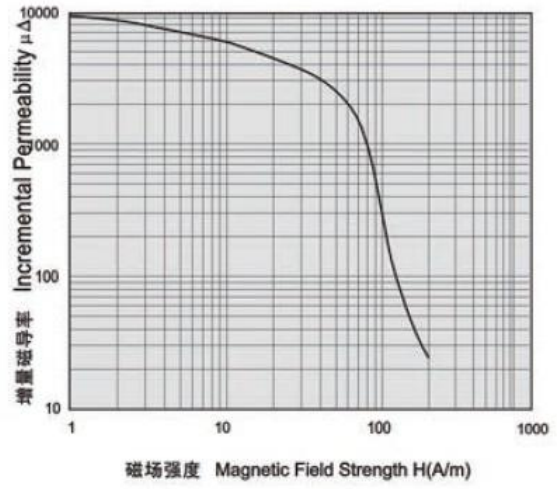
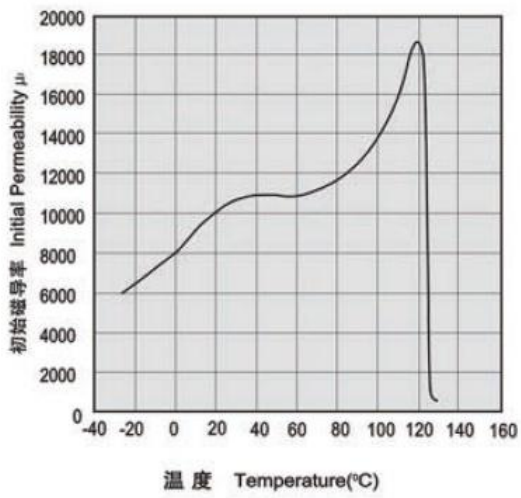


# YR56

材料: YR56  
特点: 高磁导率(约 10000)  
低比损耗因子  
频率特性优良

Material: YR56  
Features: High initial permeability(about10000)  
Low relative loss factor  
The initial permeability vs frequency Characteristic is good

材质 Material	YR56		
初始磁导率 Initial permeability	$\mu_i$		10000±30%
比损耗系数 Relative loss factor	$\tan\delta/\mu_i$	$\times 10^{-6}$	<7.0 (10kHz)
饱和磁通密度 Saturation magnetic flux density (H=1194A/m)	$B_s$	mT	400
剩余磁通密度 Remanent flux density	$B_r$	mT	100
矫顽力 Coercive force	$H_c$	A/m	6.5
比温度系数 Relative temperature coefficient (20~60°C)	$\alpha_{\mu r}$	$\times 10^{-6}/^\circ\text{C}$	-0.5~2.0
比磁滞损耗系数 Hysteresis material constant 25°C,10kHz,1.5~3mT	$\eta_B$	$\times 10^{-6}/\text{mT}$	<1.4
居里温度 Curie temperature	$T_c$	°C	>120
电阻率 Electrical resistivity	$\rho$	$\Omega\cdot\text{m}$	0.15
密度 Density	$d$	$\text{g}/\text{cm}^3$	4.9

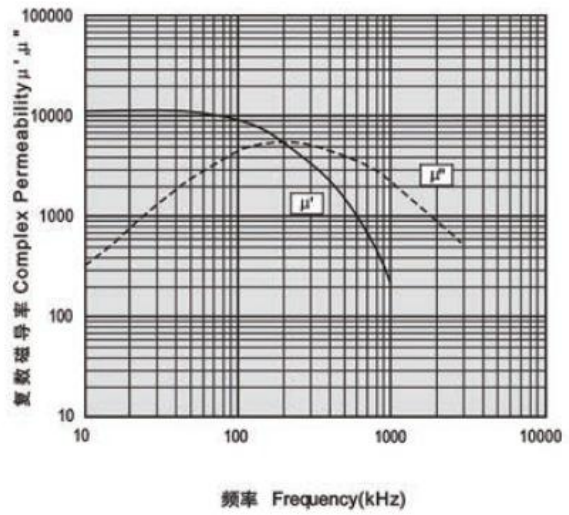
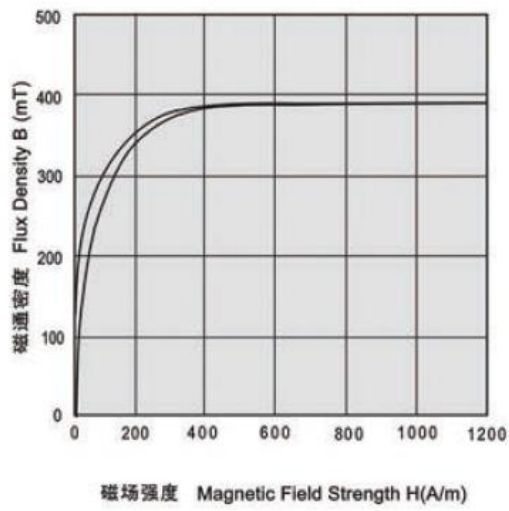
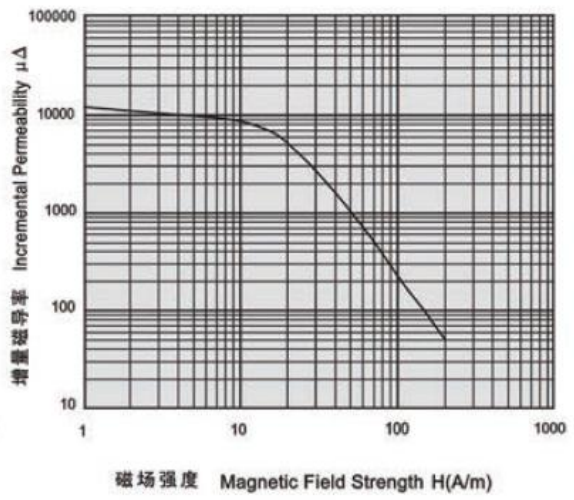
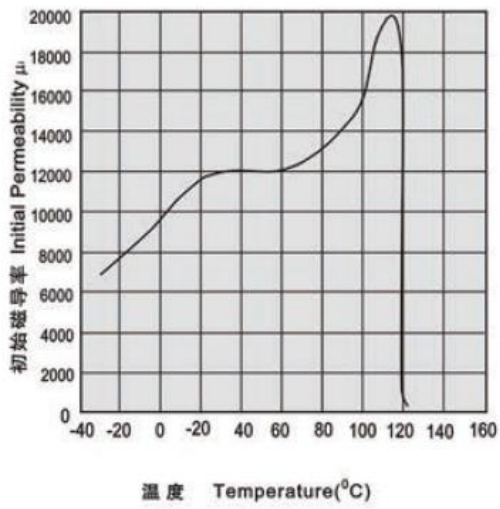


# YR66

材料: YR66  
特点: 高磁导率(约 12000)

Material: YR66  
Features: High initial permeability(about 12000)

材质 Material			YR66
初始磁导率 Initial permeability	$\mu_i$		12000±30%
比损耗系数 Relative loss factor	$\tan\delta/\mu_i$	$\times 10^{-6}$	<7.0 (10kHz)
饱和磁通密度 Saturation magnetic flux density (H=1194A/m)	Bs	mT	380
剩余磁通密度 Remanent flux density	Br	mT	100
矫顽力 Coercive force	Hc	A/m	6
比温度系数 Relative temperature coefficient (20~60°C)	$\alpha_{\mu r}$	$\times 10^{-6}/^\circ\text{C}$	-0.5~2.0
比磁滞损耗系数 Hysteresis material constant 25°C, 10kHz, 1.5~3mT	$\eta_B$	$\times 10^{-6}/\text{mT}$	<1.5
居里温度 Curie temperature	Tc	°C	>110
电阻率 Electrical resistivity	$\rho$	$\Omega \cdot \text{m}$	0.15
密度 Density	d	$\text{g}/\text{cm}^3$	4.9

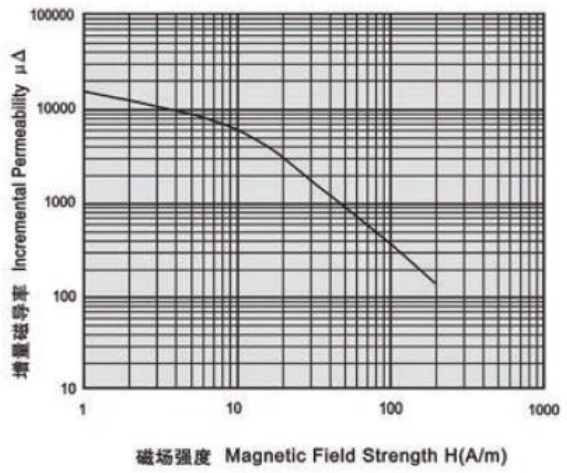
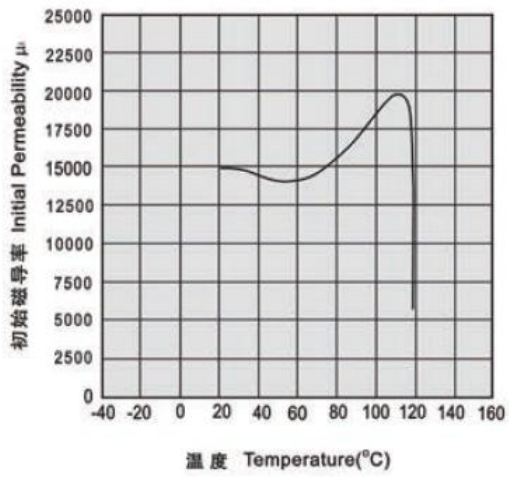
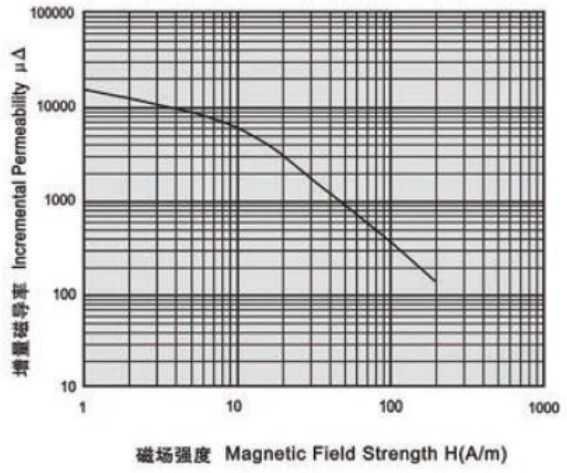
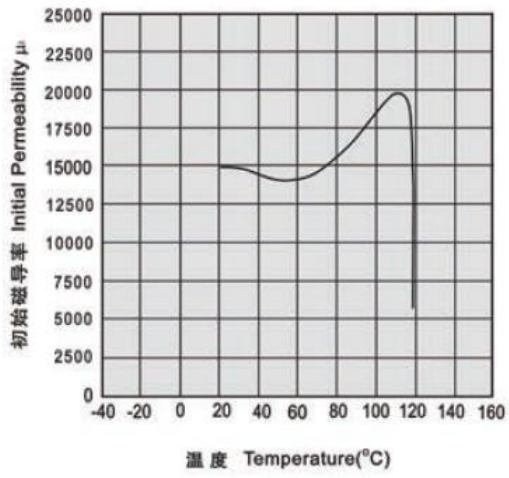


# YR76

材料: YR76  
特点: 高磁导率(约 15000)

Material: YR76  
Features: High initial permeability(about15000)

材质 Material			YR76
初始磁导率 Initial permeability	$\mu_i$		15000±30%
比损耗系数 Relative loss factor	$\tan\delta/\mu_i$	$\times 10^{-6}$	<7.0 (10kHz)
饱和磁通密度 Saturation magnetic flux density (H=1194A/m)	$B_s$	mT	360
剩余磁通密度 Remanent flux density	$B_r$	mT	100
矫顽力 Coercive force	$H_c$	A/m	3.2
比温度系数 Relative temperature coefficient (20~60°C)	$\alpha_{\mu r}$	$\times 10^{-6}/^\circ\text{C}$	-0.5~2.0
比磁滞损耗系数 Hysteresis material constant 25°C,10kHz,1.5~3mT	$\eta_B$	$\times 10^{-6}/\text{mT}$	<2.0
居里温度 Curie temperature	$T_c$	°C	>110
电阻率 Electrical resistivity	$\rho$	$\Omega\cdot\text{m}$	0.05
密度 Density	$d$	$\text{g}/\text{cm}^3$	4.9





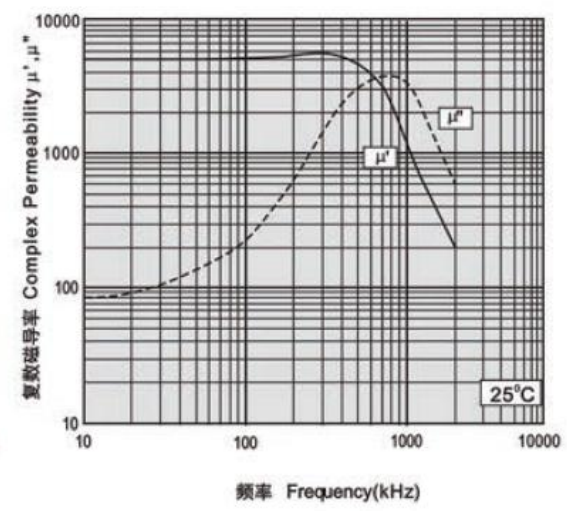
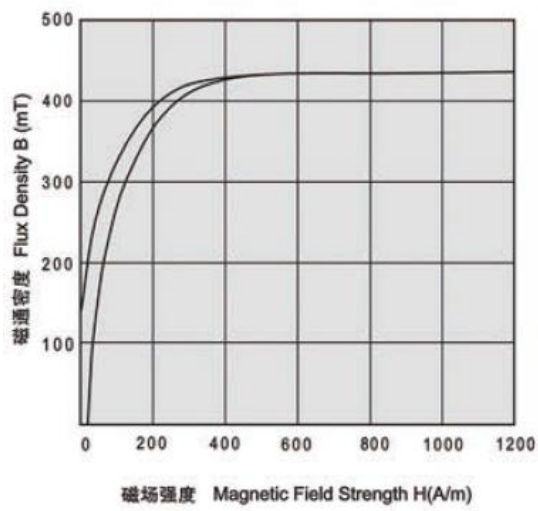
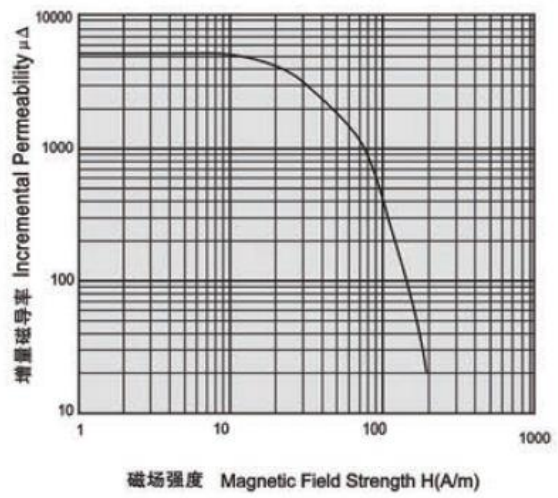
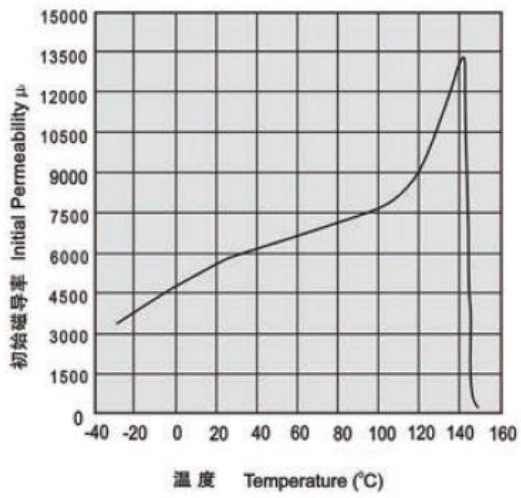
# YR36

材料: YR36  
特点: 高磁导率(约 5000)  
低比损耗因子  
频率特性优良

Material: YR36  
Features: High initial permeability(about 5000)  
Low relative loss factor  
The initial permeability vs frequency Characteristic is good

材质 Material	YR36		
初始磁导率 Initial permeability	$\mu_i$	5000±25%	
比损耗系数 Relative loss factor	$\tan\delta/\mu_i$	$\times 10^{-6}$	<15 (100kHz)
饱和磁通密度 Saturation magnetic flux density (H=1194A/m)	$B_s$	mT	430
剩余磁通密度 Remanent flux density	$B_r$	mT	140
矫顽力 Coercive force	$H_c$	A/m	8
比温度系数 Relative temperature coefficient (20~60°C)	$\alpha_{\mu r}$	$\times 10^{-6}/^\circ\text{C}$	-0.5~2.0
比磁滞损耗系数 Hysteresis material constant 25°C,10kHz,1.5~3mT	$\eta_B$	$\times 10^{-6}/\text{mT}$	<1
居里温度 Curie temperature	$T_c$	°C	>140
电阻率 Electrical resistivity	$\rho$	$\Omega\cdot\text{m}$	0.5
密度 Density	$d$	$\text{g}/\text{cm}^3$	4.85



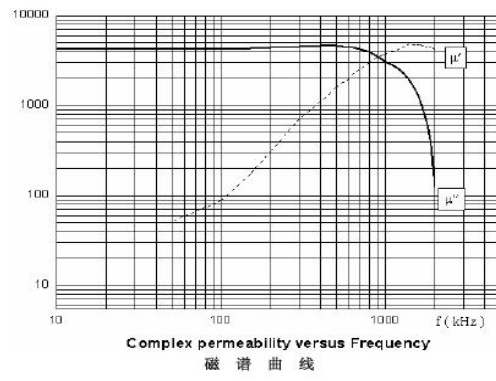
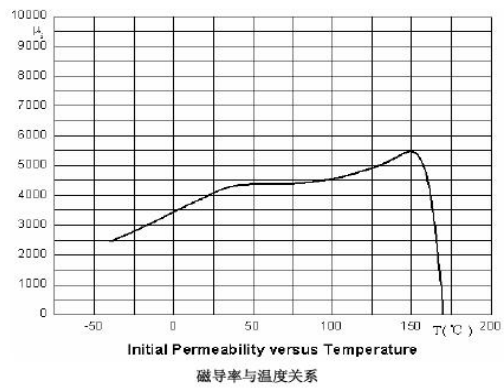


# YR36DC

材料: YR36DC  
 特点: 低比损耗因子  
 低磁滞损耗系数

Material: YR36DC  
 Features: Low relative loss factor  
 Low hysteresis material constant

材质 Material	YR36DC		
初始磁导率 Initial permeability	$\mu_i$		4000±25%
比损耗系数 Relative loss factor	$\tan\delta/\mu_i$	$\times 10^{-6}$	<3.5 (10kHz)
饱和磁通密度 Saturation magnetic flux density (H=1194A/m)	$B_s$	mT	450
剩余磁通密度 Remanent flux density	$B_r$	mT	
矫顽力 Coercive force	$H_c$	A/m	6.5
比温度系数 Relative temperature coefficient (20~60°C)	$\alpha_{\mu r}$	$\times 10^{-6}/^\circ\text{C}$	
比磁滞损耗系数 Hysteresis material constant 25°C, 10kHz, 1.5~3mT	$\eta_B$	$\times 10^{-6}/\text{mT}$	<0.8
居里温度 Curie temperature	$T_c$	°C	>150
电阻率 Electrical resistivity	$\rho$	$\Omega\cdot\text{m}$	0.65
密度 Density	$d$	$\text{g}/\text{cm}^3$	4.85



# YR36B

材料: YR36B  
特点: 高磁导率(约 4500)  
高饱和磁通密度  
低比损耗因子

Material: YR36B  
Features: High initial permeability(about 4500)  
High saturation magnetic flux density  
Low relative loss factor

材质 Material	YR36B		
初始磁导率 Initial permeability	$\mu_i$		4500±25%
比损耗系数 Relative loss factor	$\tan\delta/\mu_i$	$\times 10^{-6}$	<10 (10kHz)
饱和磁通密度 Saturation magnetic flux density (H=1194A/m)	$B_s$	mT	500 (25°C) 360 (100°C)
剩余磁通密度 Remanent flux density	$B_r$	mT	120
矫顽力 Coercive force	$H_c$	A/m	11
比温度系数 Relative temperature coefficient (20~60°C)	$\alpha_{\mu r}$	$\times 10^{-6}/^\circ\text{C}$	0~1.5
比磁滞损耗系数 Hysteresis material constant 25°C,10kHz,1.5~3mT	$\eta_B$	$\times 10^{-6}/\text{mT}$	
居里温度 Curie temperature	$T_c$	°C	>190
电阻率 Electrical resistivity	$\rho$	$\Omega\cdot\text{m}$	0.3
密度 Density	$d$	$\text{g}/\text{cm}^3$	4.9

