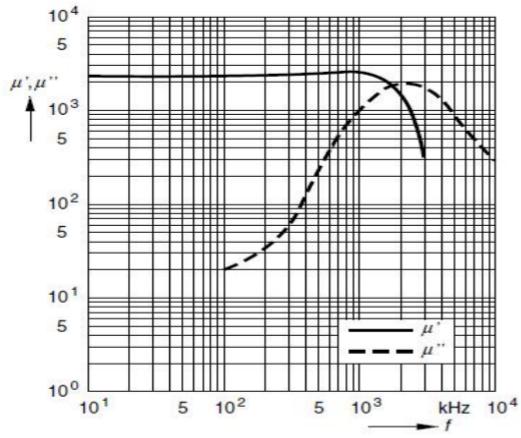


YR48Q

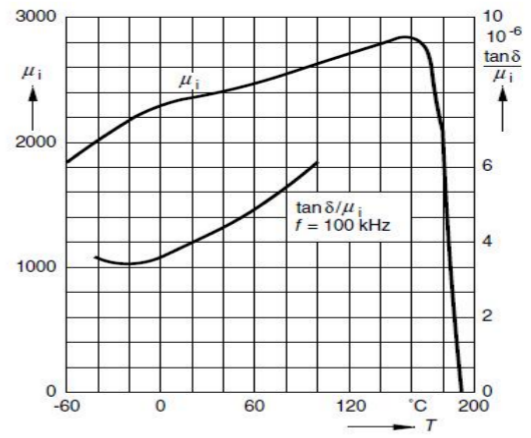
材料: YR48Q
特点: 低比损耗因子
低磁滞损耗系数

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

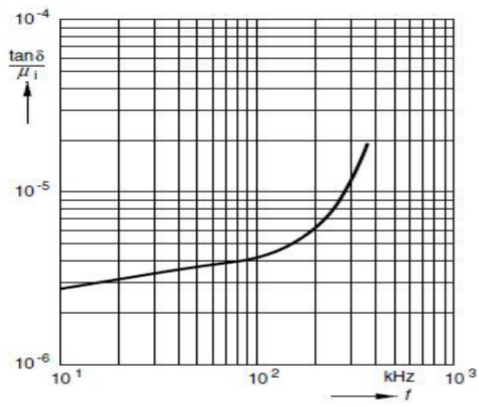
材质 Material			YR48Q
初始磁导率 Initial permeability	μ_i		2300±25%
比损耗系数 Relative loss factor	$\tan\delta/\mu_i$	$\times 10^{-6}$	≤ 4 (10kHz) ≤ 6 (100kHz)
饱和磁通密度 Saturation magnetic flux density (H=1194A/m)	B_s	mT	420 (25°C) 310 (100°C)
剩余磁通密度 Remanent flux density	B_r	mT	
矫顽力 Coercive force	H_c	A/m	
比温度系数 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	η_B	$\times 10^{-6}/\text{mT}$	<0.4
居里温度 Curie temperature	T_c	°C	>170
电阻率 Electrical resistivity	ρ	$\Omega \cdot \text{m}$	
密度 Density	d	g/cm^3	



$\mu - f$



$\tan \delta / \mu_i - T$



$\tan \delta / \mu_i - f$