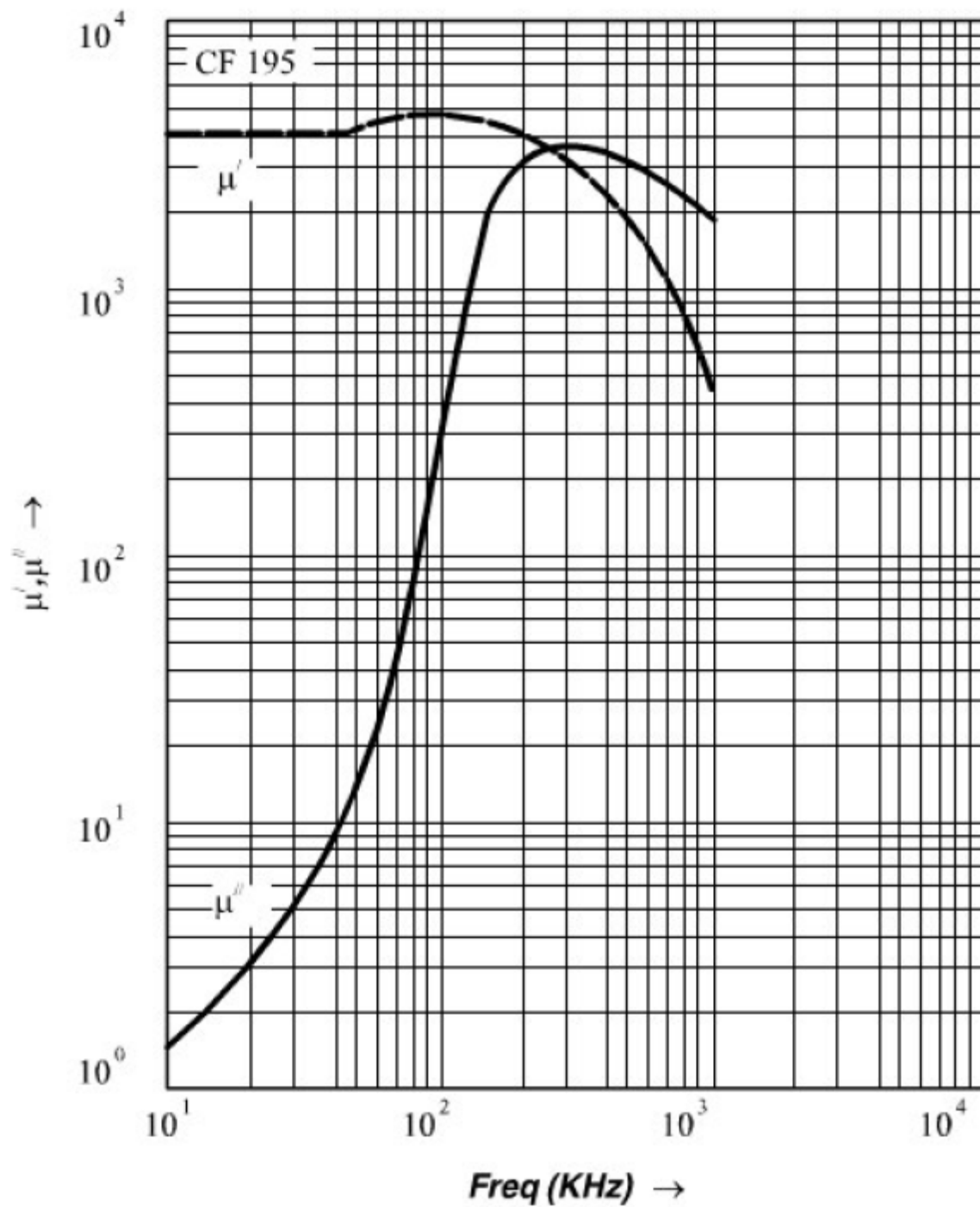


Material Properties

Material	CF 195		
Base Material	MnZn		
Property	Symbol	Unit	
Initial Permeability (T = 25 °C)	μ_i		5000±20%
Flux density H = 1000 A/m, f = 10 kHz)	B _s (25 °C) B _s (100 °C)	mT mT	400 260
Residual Flux Density	Br (25 °C)	mT	150
Coercive field strength (f = 10 KHz)	H _c (25 °C)	A/m	12
Relative loss factor (T = 25 °C)	$\tan \delta / \mu_i \times 10^{-6}$	10kHz 100kHz	≤ 5.0 ≤ 60
Curie Temperature	T _c	°C	>120 °C
Hysteresis Mat. Constant	η_B	10 ⁻⁶ /mT	----
Resistivity	ρ	Ωm	0.2
Density	d	Kg/m ³	4800
Core Shapes			Toroids, E,UU, EI, RM, POT, EP, ET,

Complex Permeability Vs Frequency (Measured on T2512 Toroids)



Initial Permeability versus Temperature (Measured on T2512 Toroids)

