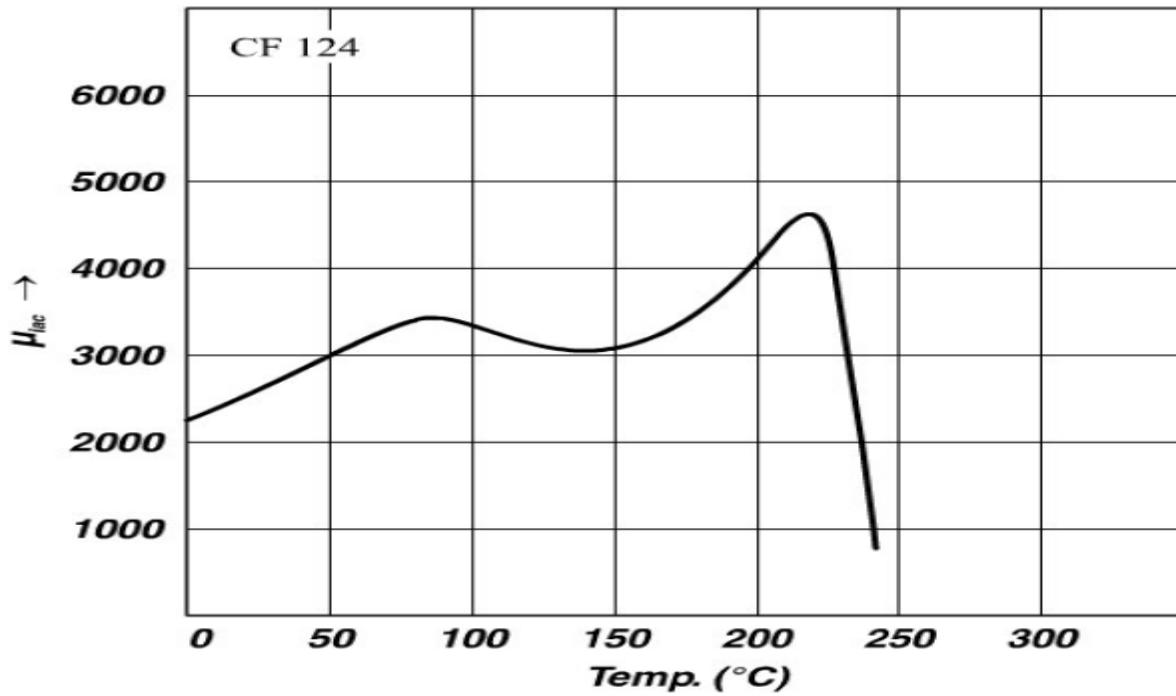


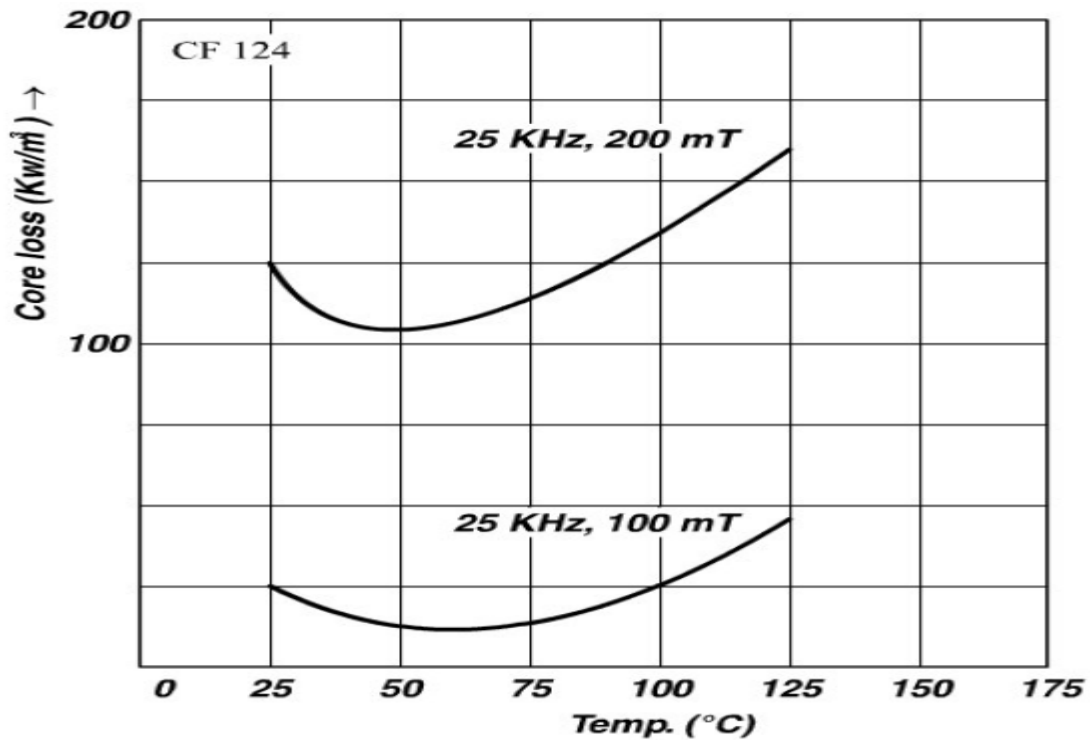
Material Properties

Material	CF 124		
Base Material	MnZn		
Property	Symbol	Unit	
Initial Permeability (T = 25 °C)	μ_i		2500±20%
Flux density H = 1000 A/m, f = 10 kHz)	B_s (25 °C) B_s (100 °C)	mT mT	490 390
Residual Flux Density	B_r (25 °C)	MT	200
Coercivity	H_c (25 °C)	A/m	16
Power loss density 16 kHz, 200 mT, 25 °C 100 °C 25 kHz, 200 mT, 25 °C 100 °C	P_v	kW/m ³	≤100 ≤90 ≤150 ≤130
Curie Temperature	T_c	°C	>220 °C
Resistivity	ρ	Ωm	0.5
Density	d	Kg/m ³	4800
Core Shapes			UU

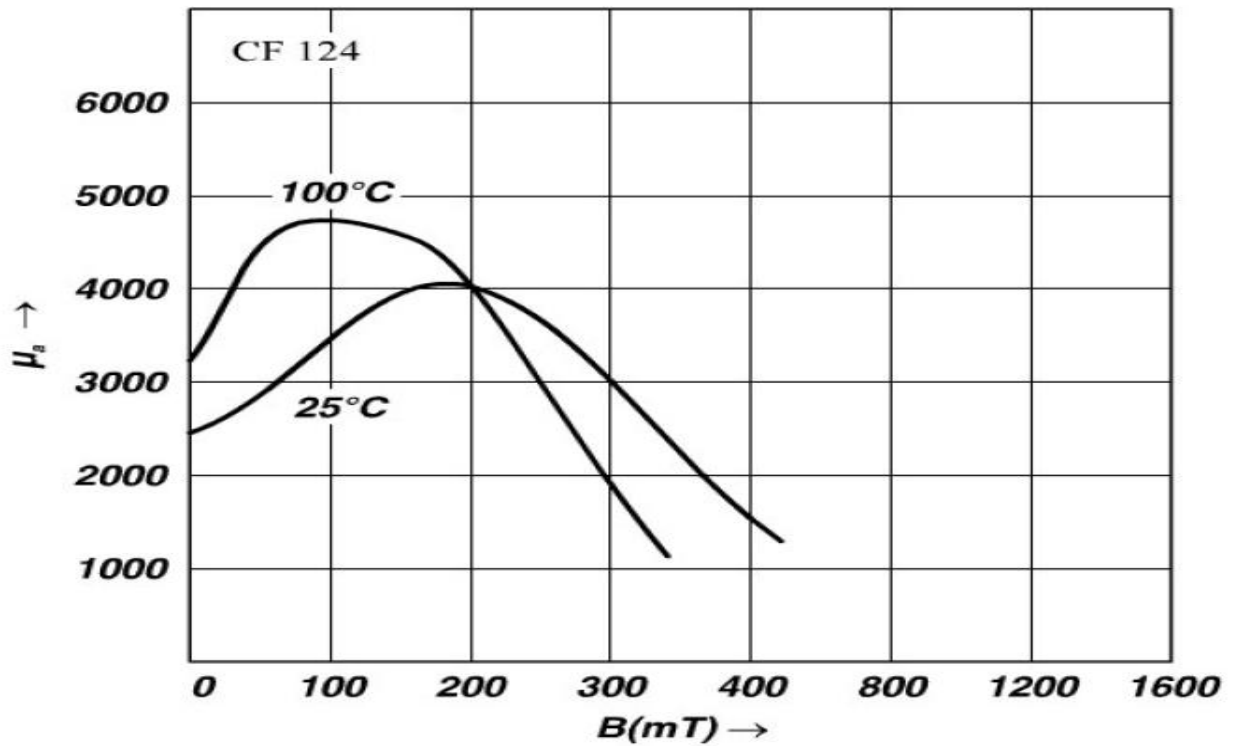
Initial Permeability versus Temperature (Measured on T2512 Toroids)



Core loss Vs Temperature (Measured on T2512 Toroids)



Amplitude Permeability as a Function of Flux density



B-H as a Function of Temperature

