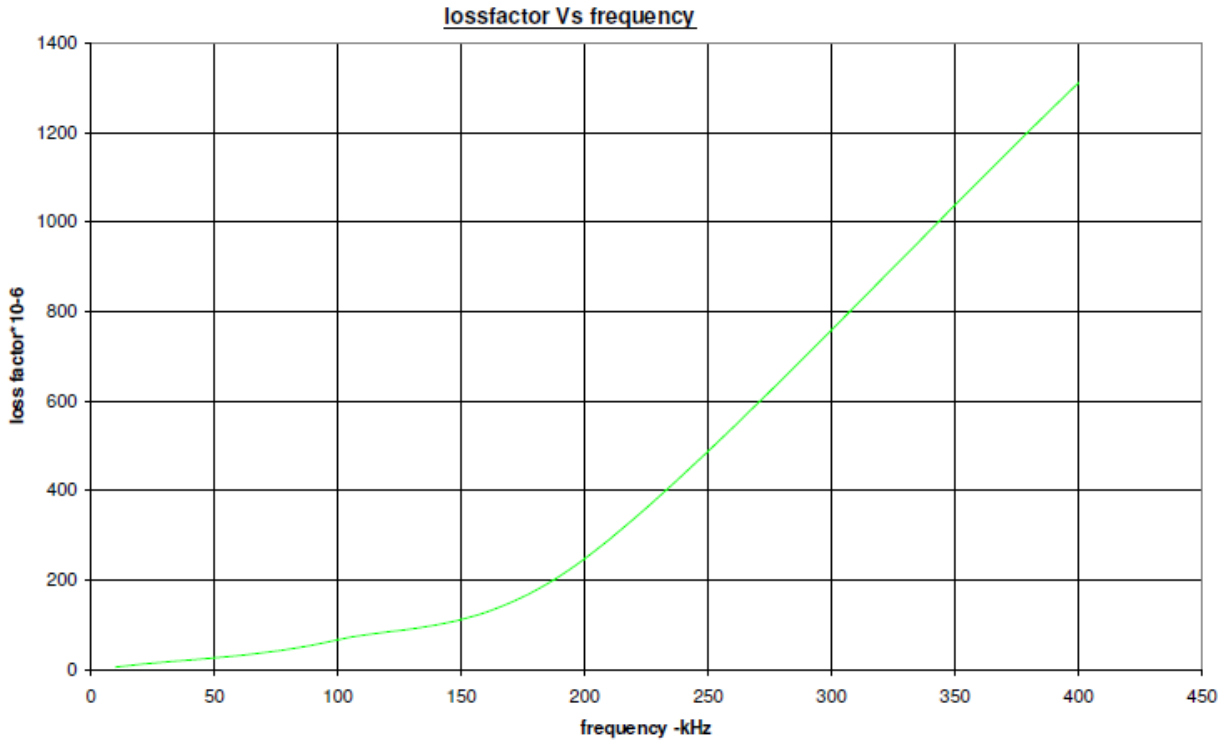


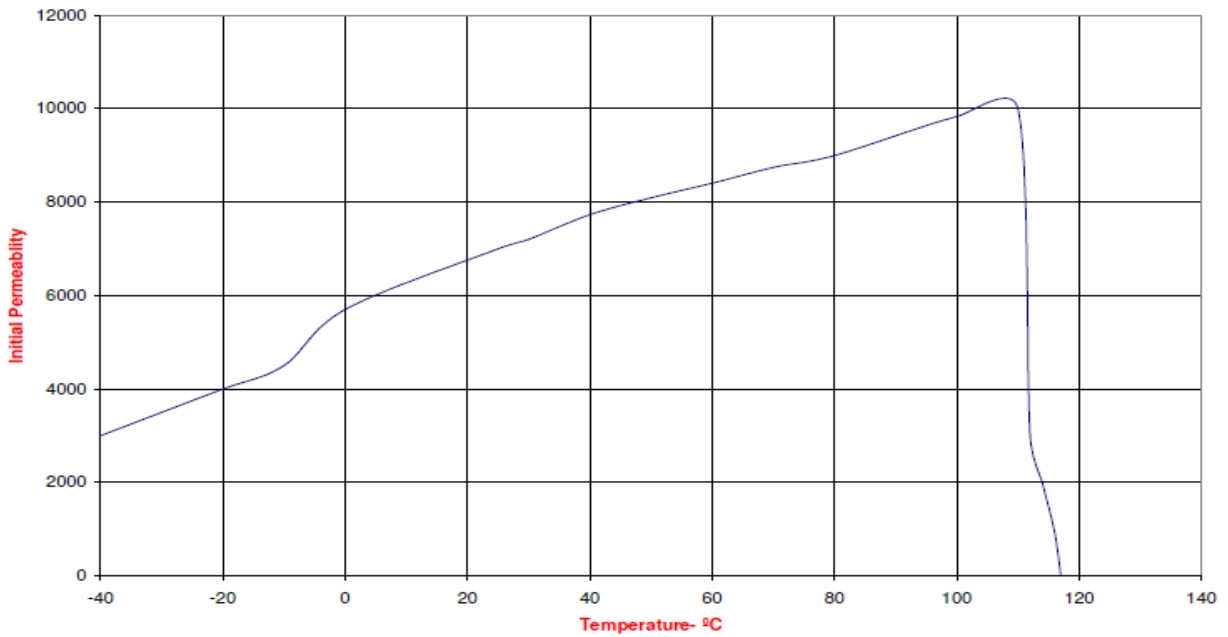
Material Properties

Material	CF 197		
Base Material	MnZn		
Property	Symbol	Unit	
Initial Permeability (T = 25 °C)	μ_i		7000±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	B_r (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	≤ 7.0 ---
Curie Temperature	T_c	°C	>120 °C
Hysteresis Mat. Constant	η_B	$10^{-6}/mT$	≤ 0.5
Resistivity	ρ	Ωm	0.2
Density	d	Kg/m ³	4800
Core Shapes			Toroid, RM, ET, UT, P

Core loss versus frequency



Initial Permeability versus Temperature (Measured on T2512 Toroids)



Initial Permeability versus frequency (Measured on T 2512 Toroids)

