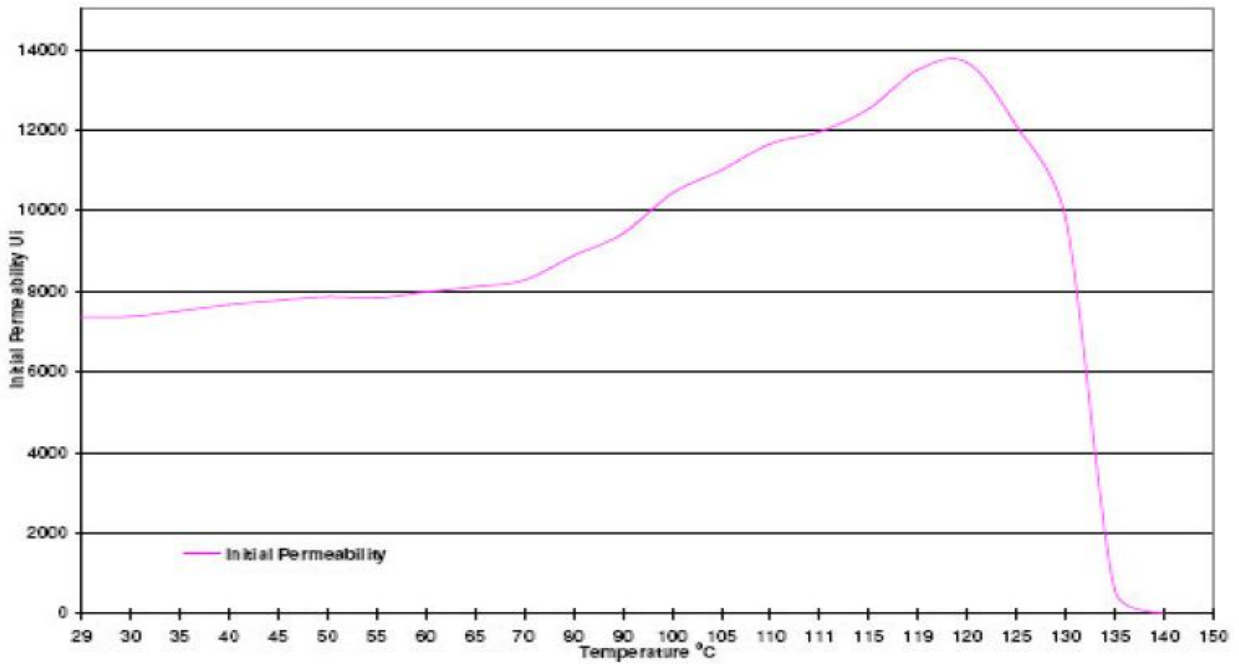


Material Properties

Material	CF 275		
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	420 240
Coercive field strength (f = 10 KHz)	H_c (25 °C)	A/m	--
Relative loss factor (T = 25 °C)	$\tan \delta/\mu_i \times 10^{-6}$	10kHz 100kHz	≤ 5.0 ≤ 25.0
Curie Temperature	T_c	°C	>130 °C
Hysteresis Mat. Constant	η_B	$10^{-6}/mT$	≤ 0.3
Resistivity	ρ	Ωm	0.2
Density	d	Kg/m^3	4800
Core Shapes			Toroid

Initial Permeability versus Temperature (Measured on T2512 Toroids)



Initial Permeability versus frequency (Measured on T 2512 Toroids)

