

Material Properties

Material	CF 130		
Base Material	MnZn		
Property	Symbol	Unit	
Initial Permeability (T = 25 °C)	μ_i		3000±20%
Flux density H = 1000 A/m, f = 10 kHz)	B _s (25 °C) B _s (100 °C)	mT mT	520 410
Residual Flux Density	Br (25 °C)	mT	200
Coercivity	H _c (25 °C)	A/m	15
Power loss density 16 kHz, 200 mT, 25 °C 100 kHz, 200 mT, 25 °C 100 kHz, 200 mT, 100 °C	P _v	kW/m ³	55 130 390 800
Curie Temperature	T _c	°C	>220 °C
Resistivity	ρ	Ωm	4
Density	d	Kg/m ³	4800
Core Shapes			Toroid, EE,EP,POT, RM,EI,EVD,UU



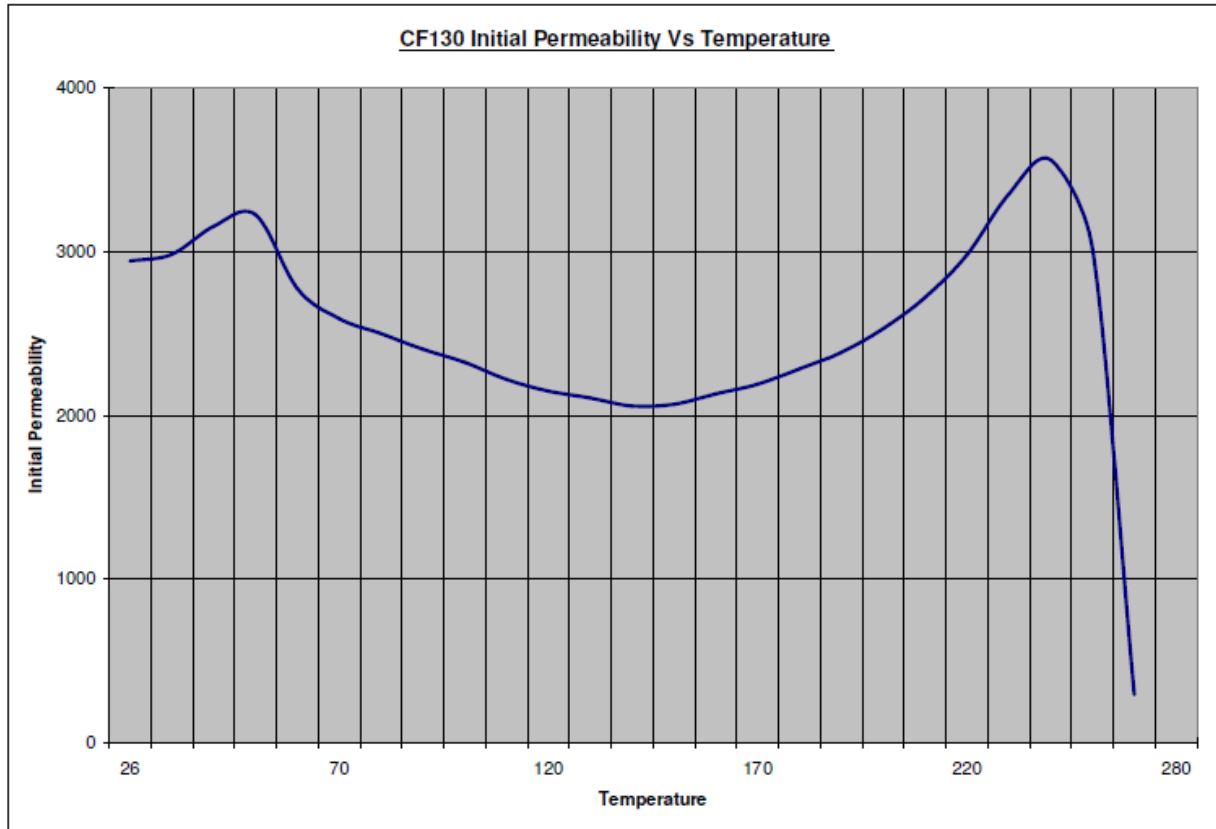
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Initial Permeability versus Temperature (Measured on T2512 Toroids)



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