

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	B_r (25 °C)	mT	200
Coercivity	H_c (25 °C)	A/m	15
Power loss density 16 kHz, 200 mT, 25 °C 100 °C 100 kHz, 200 mT, 25 °C 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

Initial Permeability versus Temperature (Measured on T2512 Toroids)

