

Material Properties

Material	CF 255		
Base Material	MnZn		
Property	Symbol	Unit	
Initial Permeability (T = 25 °C)	μ_i		5500±20%
Flux density H = 1000 A/m, f = 10 kHz)	B_s (25 °C) B_s (100 °C)	mT mT	440 310
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	≤ 5.0 ≤ 15.0
Curie Temperature	T_c	°C	>150 °C
Hysteresis Mat. Constant	η_B	$10^{-6}/\text{mT}$	≤ 0.3
Resistivity	ρ	Ωm	0.5
Density	d	Kg/m^3	4800
Core Shapes			Toroids, E, RM, P

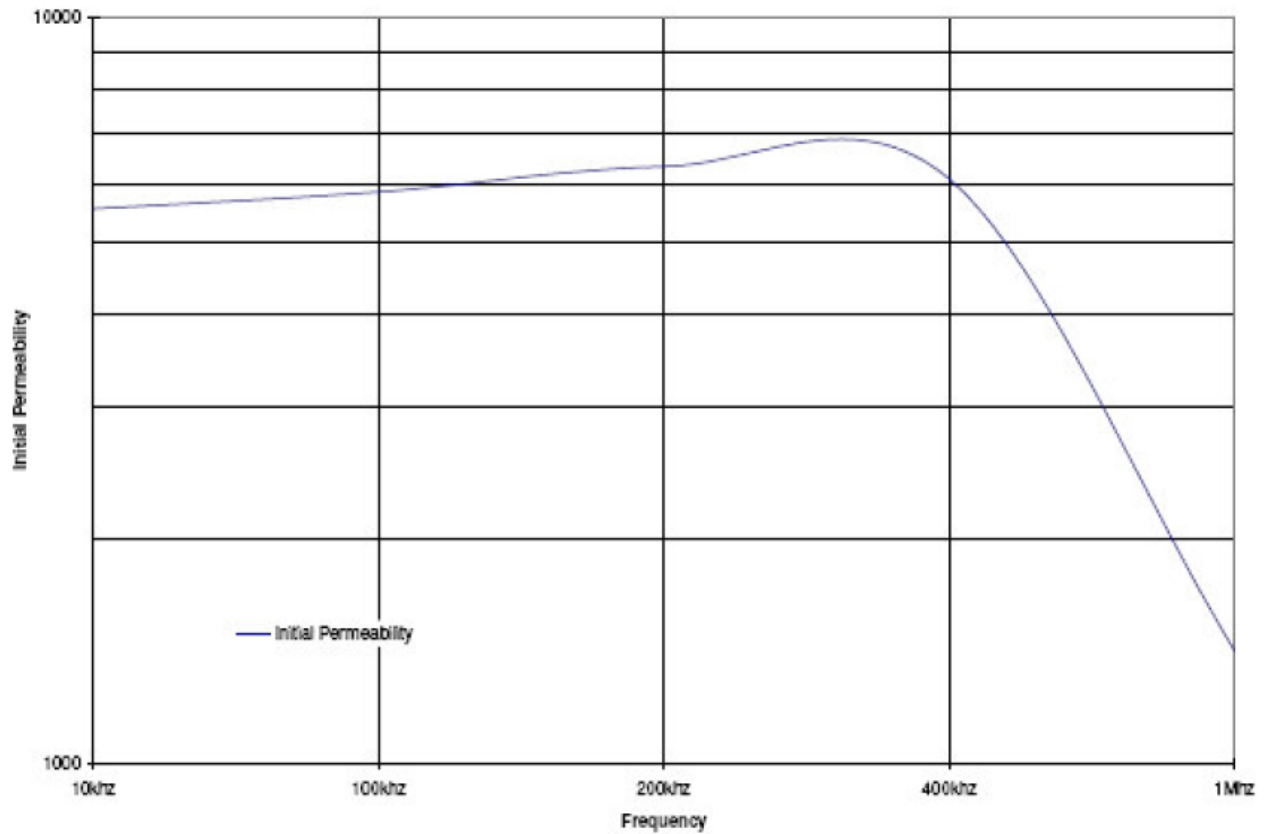


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Initial Permeability versus Frequency (Measured on T2512 Toroids)**Prodin Ferrite S.L.**

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Initial Permeability versus Temperature (Measured on T2512 Toroids)

