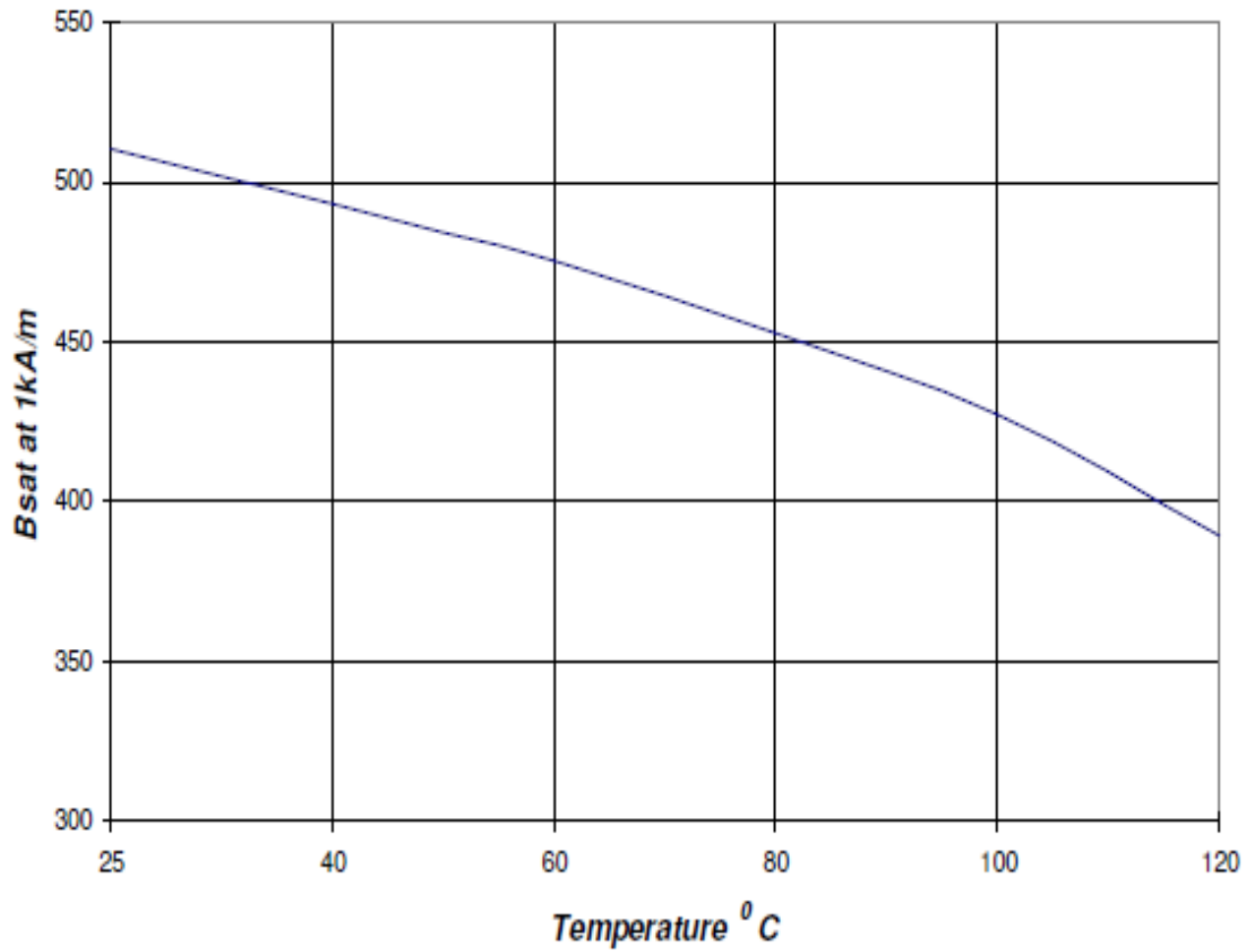


**Material Properties**

Material	CF 297		
Base Material	MnZn		
Property	Symbol	Unit	
Initial Permeability (T = 25 °C)	$\mu_i$		2300±20%
Flux density H = 1000 A/m, f = 10 kHz)	$B_s$ (25 °C) $B_s$ (100 °C)	mT mT	510 410
Power loss density 100 kHz, 100 mT, 25 °C 100 °C 100 kHz, 200 mT, 25 °C 100 °C	$P_v$	kW/m <sup>3</sup>	---- ≤50 ---- ≤350
Curie Temperature	$T_c$	°C	>210 °C
Coercive field strength (f = 10 KHz)	$H_c$ (25 °C)	A/m	21
Resistivity	$\rho$	Ωm	8
Density	d	Kg/m <sup>3</sup>	4800
Core Shapes			Toroids, E, PM ETD,EER,RM,PQ, EP,

**Saturation Flux Density Vs Temperature (Measured on T2512 Toroids)**



Power loss Vs Temperature (Measured on T2512 Toroids)

