

Material Properties

Preferred application	Power Transformers
Material	CF 295
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	525 410
Residual Flux Density	B_r (25 °C)	mT	80
Power loss density 100 kHz, 100 mT, 25 °C 100 kHz, 100 mT, 100 °C 100 kHz, 200 mT, 25 °C 100 kHz, 200 mT, 100 °C	P_v	kW/m ³	---- ----- ≤400 ≤350
Curie Temperature	T_c	°C	>210 °C
Resistivity	ρ	Ωm	
Density	d	Kg/m ³	4800
Core Shapes			Toroids, E, EP,