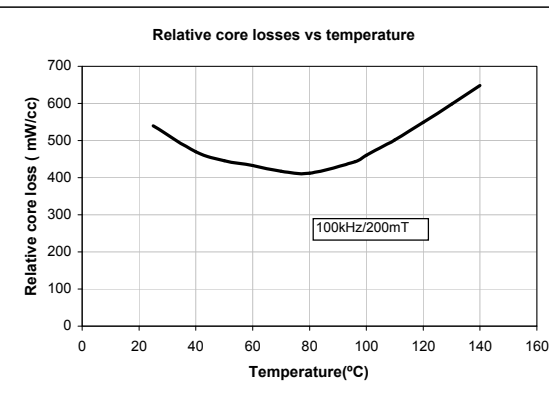
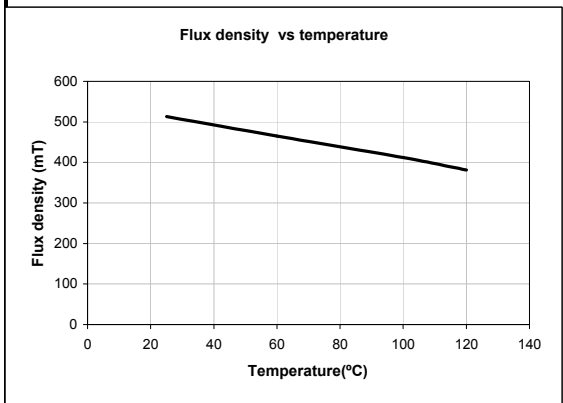
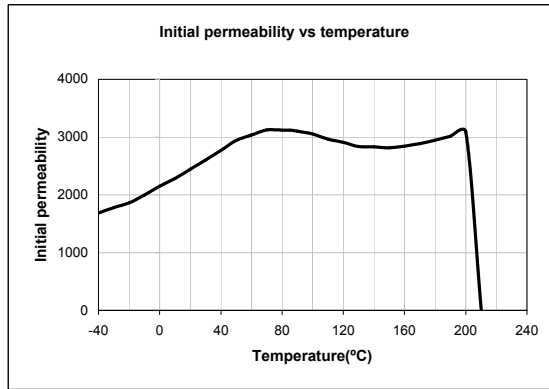
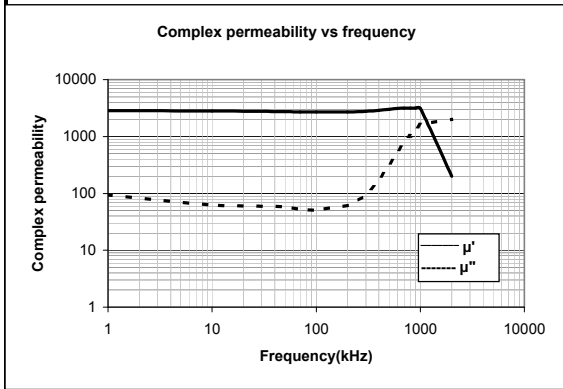


HPT-450 : Power Transformer Grade

Properties	Symbol	Unit	Test condition	Values
Initial permeability ($\pm 25\%$)	μ_i		0.1mT, 25°C	2400
Flux density (min)	Bs	mT	1200A/m, 25°C	510
			1200A/m, 100°C	410
Coercive Field (max)	Hc	A/m	10kHz, 25°C	8
Hysteris material Coefficient (max)	η_B	$10^{-6}/mT$	25°C	1.1
Curie Temperature (min)	Tc	°C		200
Density (min)	d	kg/m ³	25°C	4800
Temperature Coeff. of permeability (max)	α_F	$10^{-6}/K$	-40 to 80°C	2.5
Resisitivity (min)	ρ	Ωm	25°C	3
Powerloss (max)	Pc	mW/cc	100kHz, 200mT, 60°C	500



All measurements made on Toroid OD= 30mm, ID=20mm Ht=10mm.