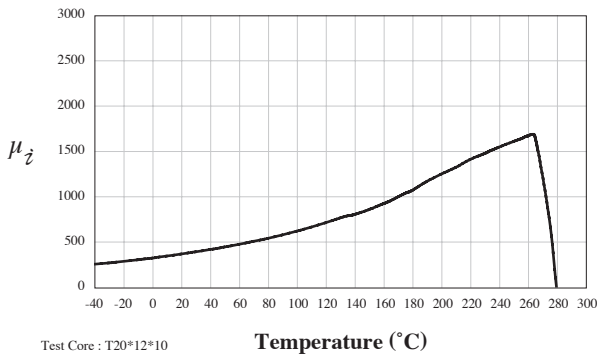


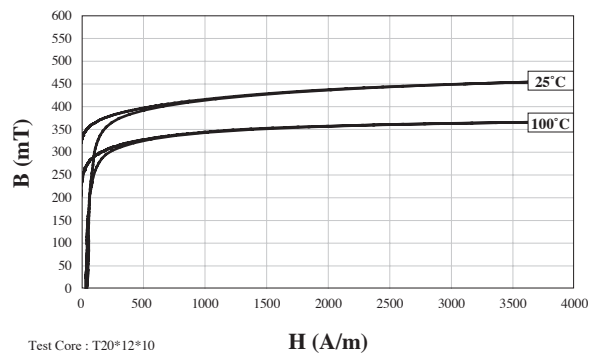
Material Characteristics (13)

	Symbol	Unit	Measuring Conditions			High Bs Materials			
			Freq.	Flux den.	Temp.	B30 NEW	B45 NEW	B60 NEW	B90 NEW
Initial Permeability	μ_i				25°C	300 ± 25%	450 ± 25%	600 ± 25%	900 ± 25%
Saturation Flux Density	Bms	mT	1kHz	H=4000A/m	25°C	450	440	430	390
Remanence	Brms	mT	1kHz	H=4000A/m	25°C	320	225	310	270
Coercivity	Hc	A/m	1kHz	H=4000A/m	25°C	47	66	36	30
Relative Loss Factor	$\tan \delta$	10^{-6}	100kHz	< 0.25mT	25°C	35	30	18	13
Temperature Factor of Permeability	F	$10^{-6}/^{\circ}\text{C}$	10kHz	< 0.25mT	20 - 60°C	16	15	12	8
Curie Temperature	Tc	°C				> 250	> 240	> 210	> 180
Resistivity		Ωm				> 10^6	> 10^6	> 10^6	> 10^6
Density	d	g/cm^3				5.20	5.20	5.20	5.20

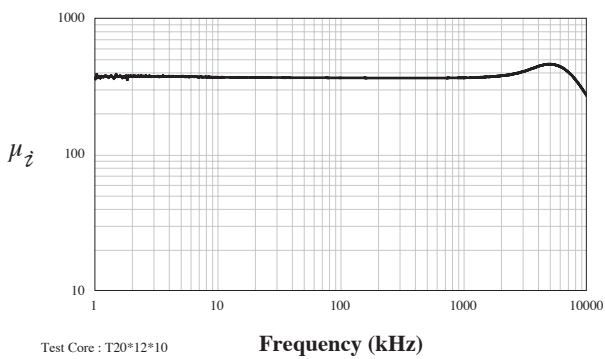
Initial Permeability V.S. Temperature



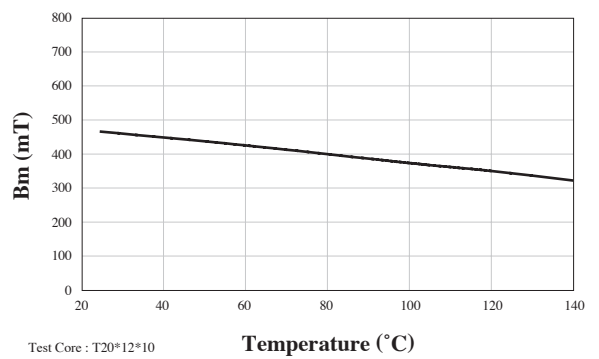
Saturation Flux Density V.S. Magnetic Field



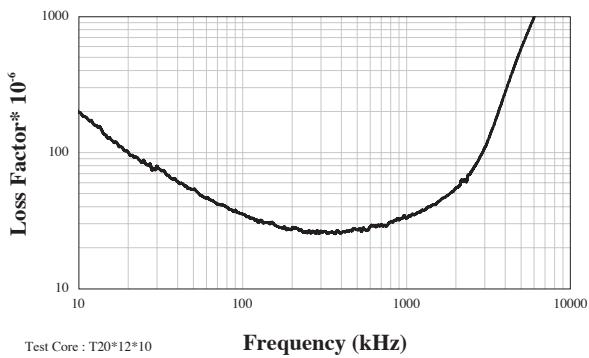
Initial Permeability V.S. Frequency



Saturation Flux Density V.S. Temperature



Loss Factor V.S. Frequency



Impedance V.S. Frequency

