Material Characteristics (10)

	Symbol	Unit	Measuring Conditions			Low THD Material
			Freq.	Flux den.	Temp.	A101
Initial Permeability	μ_i		≤10kHz	0.25mT	25°C	10000 ± 30%
Relative Loss Factor	$\tan\delta/\mu_i$	10^{-6}	10kHz	< 0.25mT	25°C	< 10
			100kHz		25°C	< 90
Saturation Flux Density	Bs	mT	10kHz	H = 1200A/m	25°C	400
					100°C	220
Remanence	Br	mT	10kHz	H = 1200A/m	25°C	175
					100°C	125
Temperature Factor of Permeability	α_F	10^{-6}/°C	10kHz	< 0.25 mT	0 ~ 20°C	-1 ~ 1
					20 ~ 70°C	-1 ~ 1
Hysteresis Material Constant	η_B	10^{-6}/mT	10kHz	1.5-3.0mT	25°C	< 0.2
Disaccommodation Factor	D_F	10^{-6}	10kHz	< 0.25 mT	25°C	< 2
Curie Temperature	Tc	°C				≥ 130
Resistivity	ρ	Ωm				0.15
Density	d	g/cm³				4.90

Remark: Best THD performance for 10,000μi materials.

Note: Material characteristics are typical for a toroid core.
Product specification will differ from these data due to the influence of geometry and size.