Material Characteristics (20)

	Symbol	Unit	Measuring Conditions			EMI-Filter Material
			Freq.	Flux den.	Temp.	M80
Initial Permeability	μ_i		≤10kHz	0.25mT	25°C	800 ± 25%
Saturation Flux Density	Bs	mT	10kHz	H = 4000A/m	25°C	315
Remanence	Br	mT	10kHz	H = 4000A/m	25°C	215
Coercivity	Hc	A/m	10kHz	H = 4000A/m	25°C	17
Relative Loss Factor	$\tan\delta/\mu_i$	10^{-6}	100kHz	< 0.25mT	25°C	19
Temperature Factor of Permeability	α_F	10^{-6}/°C	10kHz	< 0.25 mT	20 ~ 60°C	10
Curie Temperature	Tc	°C				≥ 140
Resistivity	ρ	Ωm				> 10^6
Density	d	g/cm^3				5.10

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