

	Symbol	Unit	Measuring Conditions			Automotive EMI-Suppression Material
			Freq.	Flux den.	Temp.	K081
Initial Permeability	μ_i		$\leq 10\text{kHz}$	0.25mT	25°C	$800 \pm 25\%$
Saturation Flux Density	Bs	mT	10kHz	H = 4000A/m	25°C	400
Remanence	Br	mT	10kHz	H = 4000A/m	25°C	280
Coercivity	Hc	A/m	10kHz	H = 4000A/m	25°C	21
Relative Loss Factor	$\tan\delta/\mu_i$	10^{-6}	100kHz	< 0.25mT	25°C	17
Temperature Factor of Permeability	α_F	$10^{-6}/^\circ\text{C}$	10kHz	< 0.25 mT	20 ~ 60°C	8
Curie Temperature	Tc	°C				≥ 190
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.

