

# Material : MT80D

Initial permeability	$\mu_i$		23°C	> 7000
Saturation magnetic flux density at 1000A/m	$B_s$	(mT)	23°C	400
Remanent flux density	$B_r$	(mT)	23°C	200
Coercive force	$H_c$	(A/m)	23°C	5.6
Relative loss factor	10kHz	$\tan \delta / \mu_i$		$(\times 10^{-6})$ < 15
Relative temperature factor	$\alpha \mu_{ir}$	$(\times 10^{-6})$	-20~20°C	-0.5~1.0
			20~60°C	0~1.0
			60~100°C	0~1.0
Disaccommodation factor	DF		1~10分	< 3.0
			1~10min	
Curie temperature	$T_c$	(°C)		> 120
Electrical resistivity	$\rho$	( $\Omega$ -m)		0.05
Density	$d_s$	(kg/m <sup>3</sup> )		$4.90 \times 10^3$

Test core : Toroidal  
 OD = 25mm ID = 15mm TH = 5mm

