

## Material : NL40S

Initial Permeability	$\mu_i$		23°C	400
Saturation magnetic flux density at 4000A/m	$B_s$	(mT)	23°C	460
			100°C	370
Relative loss factor at 1MHz	$\tan\delta/\mu_i$	( $\times 10^{-6}$ )	23°C	35
Core loss volume density f=50kHz Bm=150mT	$P_{cv}$	(kW/m <sup>3</sup> )	23°C	820
			140°C	600
Relative temp factor	$\alpha_{\mu ir}$	( $\times 10^{-6}$ )	20~60°C	14
Curie temperature	$T_c$	(°C)		230
Electrical resistivity	$\rho$	( $\Omega \cdot m$ )		$10^6$



