

Material : NL30S

Initial Permeability	μ_i		23°C	300
Saturation magnetic flux density at 4000A/m	B_s	(mT)	23°C	475
			100°C	390
Relative loss factor at 1MHZ	$\tan\delta/\mu_i$	($\times 10^{-6}$)	23°C	35
Core loss volume density f=50kHz $B_m=150\text{mT}$	P_{cv}	(kW/m ³)	23°C	900
			140°C	650
Relative temp factor	$\alpha_{\mu ir}$	($\times 10^{-6}$)	20~60°C	17
Curie temperature	T_c	(°C)		240
Electrical resistivity	ρ	($\Omega \cdot \text{m}$)		10^6



