

Material: 3A4

### Standard Material Characteristics

Item	Symbol	Unit	Typical value
Initial permeability	$\mu_{iac}$	N.A.	630
Relative loss factor	$\tan \delta / \mu_{iac}(100\text{mHz})$	$10^{-5}$	0.9
Temperature factor of permeability	$\alpha_{\mu\gamma}$	$10^{-6}/^{\circ}\text{C}$	17
Saturation flux density	$B_s (H=1200\text{A/m})$	mT	350
Residual density	$B_r$	mT	190
Coercive force	$H_c$	A/m	21
Curie temperature	$T_c$	$^{\circ}\text{C}$	160
Resistivity	$\rho_v$	$10^6(\Omega\cdot\text{m})$	> 1