DATA SHEET

NB80

Materials specification

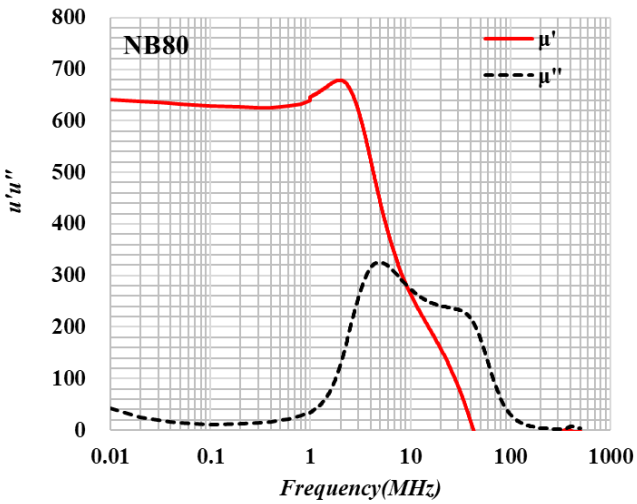
2024/09/01

高科磁技股份有限公司
中鋼集團

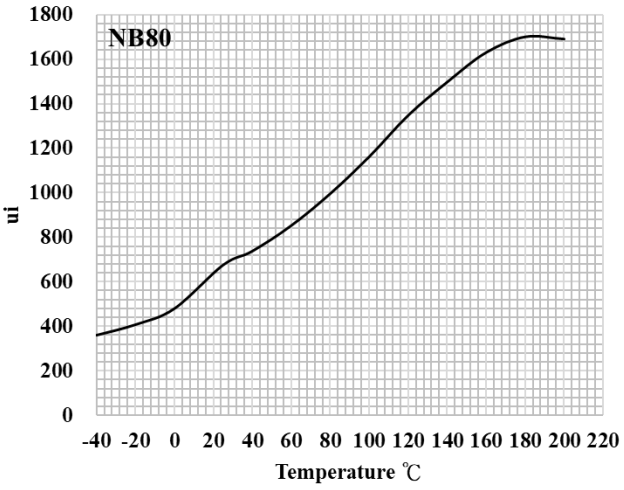
Materials specification NB80

NB80 SPECIFICATIONS

Initial permeability	μi	-	f=10kHz	0.25mT	25℃	700±25%
Remanent flux density	Br	mT		4000A/m	25℃	240
Coercive Force	Hc	A/m				30
Saturation magnetic flux density	Bs	mT				385
Temperature factor of initial permeability		$x10^{-6}$/℃	f=10kHz	0.25mT	25 to 60℃	10 to 20
Relative loss foctor	tanδ/μi	$x10^{-6}$	f=0.1MHz f=1MHz	0.25mT	25℃	<30 <90
Curie temperature	Tc	℃	f=10kHz	0.25mT		>200
Resistivity	ρ	Ωm			25℃	$>10^5$
Density	kg/m^3					$>5.1x10^3$



Complex permeability as a function of frequency.



Initial permeability as a function of temperature.