

Low loss

Material Characteristics		单位 Unit		NH2B	NH2C	NH2CA	NH2G	NH2H
Initial Permeability				2300±25%	2400±25%	2500±25%	2500±25%	1800±25%
Saturation Magnetic Flux Density (Bs)@H=1194A/m		25°C	mT	510	510	520	530	530
		100°C	mT	390	390	400	420	430
Remanence Flux Density(Br)		25°C	mT	95	110	160	180	190
		100°C	mT	60	60	60	60	80
Coercive force(Hc)		25°C	A/m	14.3	13	13	13	13
		100°C	A/m	9	6.5	6	6	9
Curie Temperature(Tc)		°C		≥215	≥215	≥215	≥230	≥230
Electrical Resistivity		Ω·m		6.5	6.5	6.5	4	6
Density		kg/m ³		4.8x10 ³	4.8x10 ³	4.85x10 ³	4.9x10 ³	4.8x10 ³
Pcv Core Loss	100kHz 200mT	25°C	kW/m ³	600	600	600	600	750
		80°C		500	400	400	400	-
		100°C		410	300	280	250	450
		120°C		500	380	380	360	400
		140°C		-	-	-	-	380

Test core: OD=25mm、ID=15mm、TH=8mm °

