

High Bs

Material Characteristics		单位 Unit		NH45B	NH45C	NH46	NH47	NH49
Initial Permeability				2200 ±25%	2200 ±25%	2000 ±25%	1500 ±25%	1500 ±25%
Saturation Magnetic Flux Density (Bs)@H=1194A/m		25°C	mT	540	540	550	550	590
		100°C	mT	450	450	460	470	490
Remanence Flux Density(Br)		25°C	mT	170	170	200	220	120
		100°C	mT	60	60	80	60	50
Coercive force(Hc)		25°C	A/m	13	13	13	15	14
		100°C	A/m	6.5	6.5	6	6	11
Curie Temperature(Tc)		°C		≥240	≥240	≥250	≥280	≥300
Density		kg/m ³		4.9x10 ³				
Pcv Core Loss	100kHz 200mT	25°C	kW/m ³	680	650	700	850	820
		80°C		370	340	410	480	740
		100°C		320	275	320	390	900
		120°C		460	360	420	500	1020

Test core: OD=25mm、ID=15mm、TH=8mm 。

