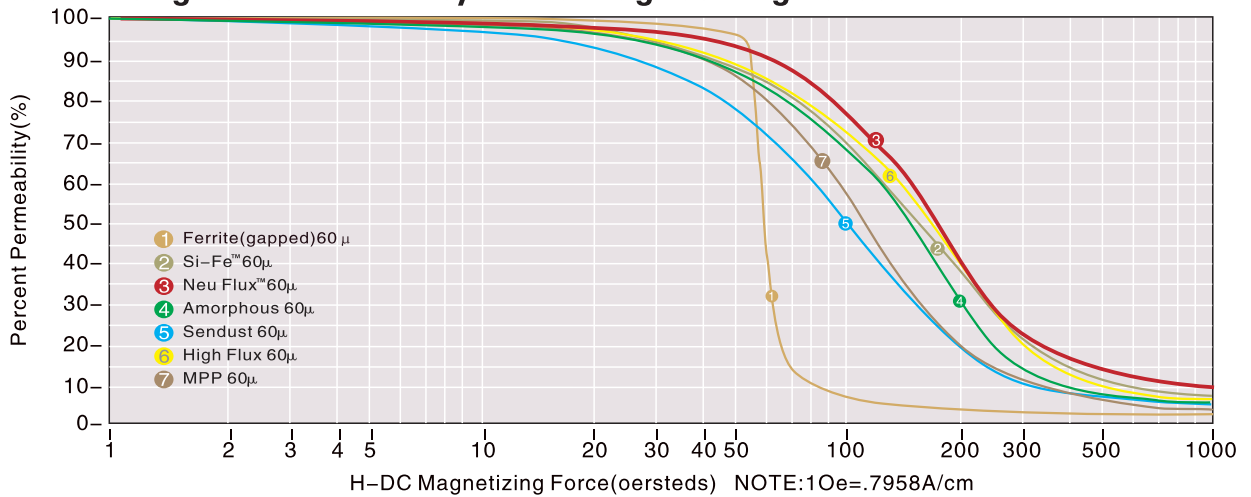


软磁材料性能对照表 Reference Table of Soft Magnetic Material Properties

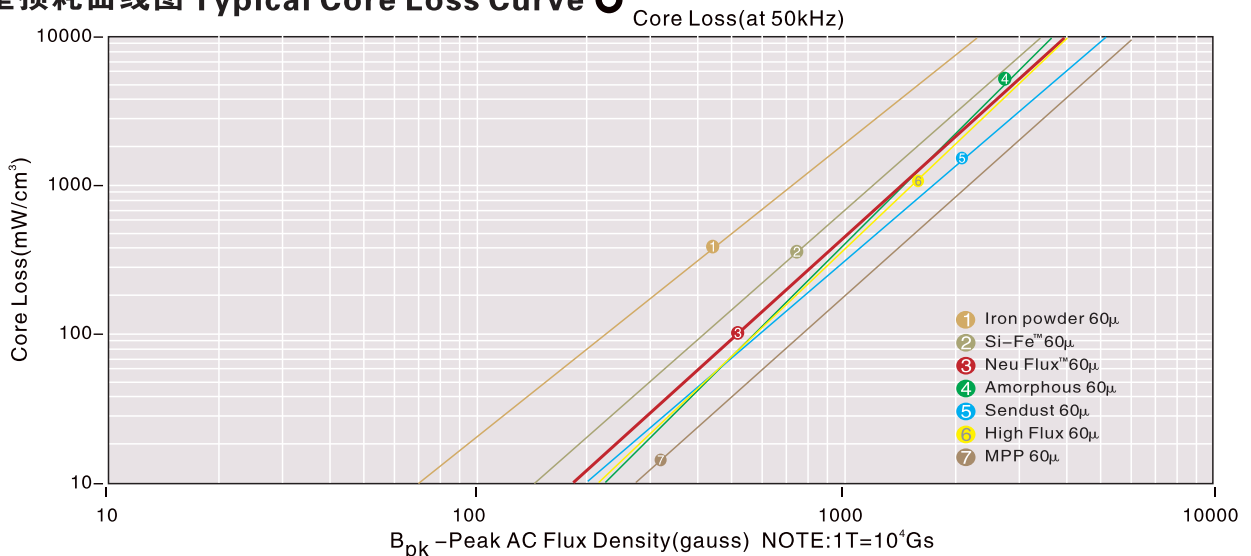
Property	Composition	Core Loss(mW/cm <sup>3</sup> ) @1000Gs/50kHz	DC-Bias(% μ <sub>0</sub> ) @1000e	Flux Density (Sat.)	Curie Temp.	Temp Stability	Color Code	Relative cost
Iron Powder	99%Fe	2000	40	12000Gs	750℃	Medium	Mix Color	0.3
Sendust	85%Fe,9%Si,6%Al	300	45	10500Gs	600℃	Good	Black	1
Si-Fe™	94%Fe,6%Si	750	70	16000Gs	700℃	Good	Blue	1.5
High Flux	50%Fe, 50%Ni	400	70	15000Gs	500	Better	Khaki	4
MPP	17%Fe,81%Ni,2%Mo	280	50	7500Gs	400	Best	Gray	6
Amorphous PowderCores	78%Fe, 9%Si, 13%B	68	68	15000Gs	400	Poor	-	3.5
Neu Flux™	85%Fe,15%Si-Ni	480	78	16000Gs	650℃	Better	Brown	2

\* 每种测试材料均采用了相同的有效磁导率为60μ<sub>i</sub>。All tests are based on 60μ<sub>i</sub> material.  
※ 只供参考，KDM没有生产。For reference only, not in KDM product portfolio.

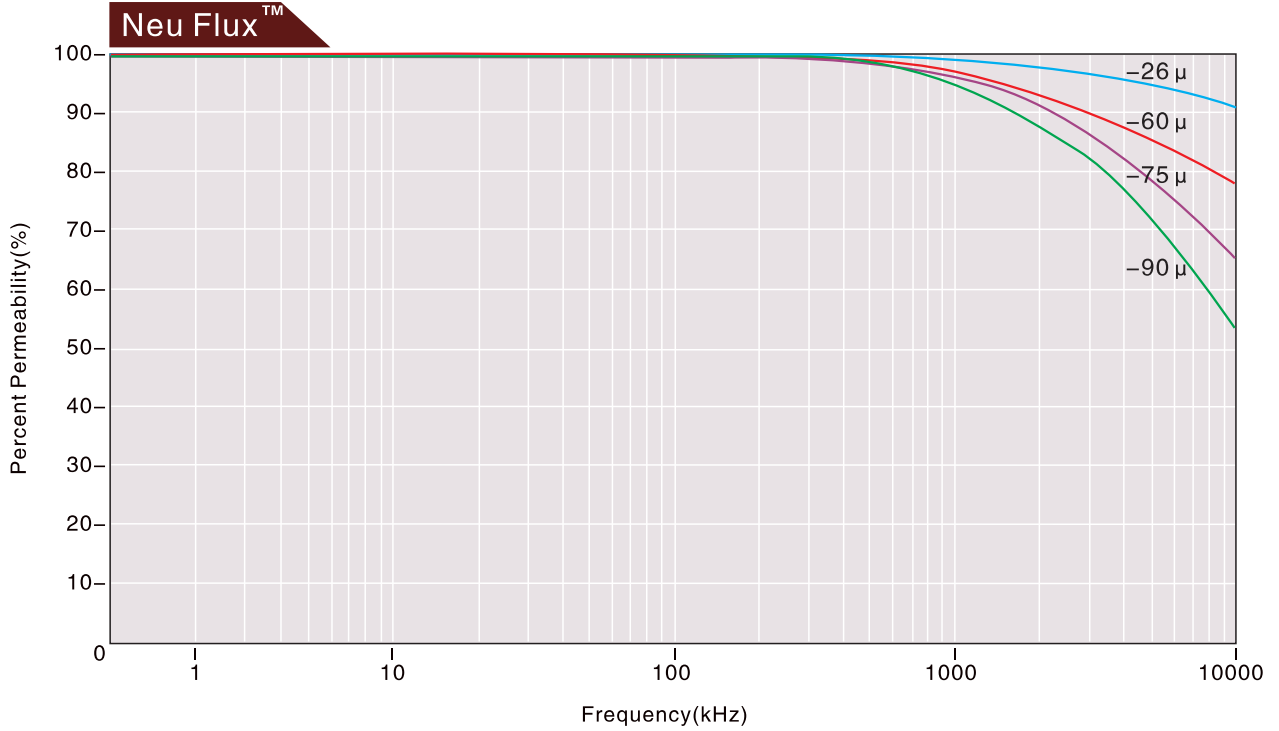
磁导率百分率与DC磁化力关系曲线  
Percent Change of Permeability vs. DC Magnetizing Force



典型损耗曲线图 Typical Core Loss Curve

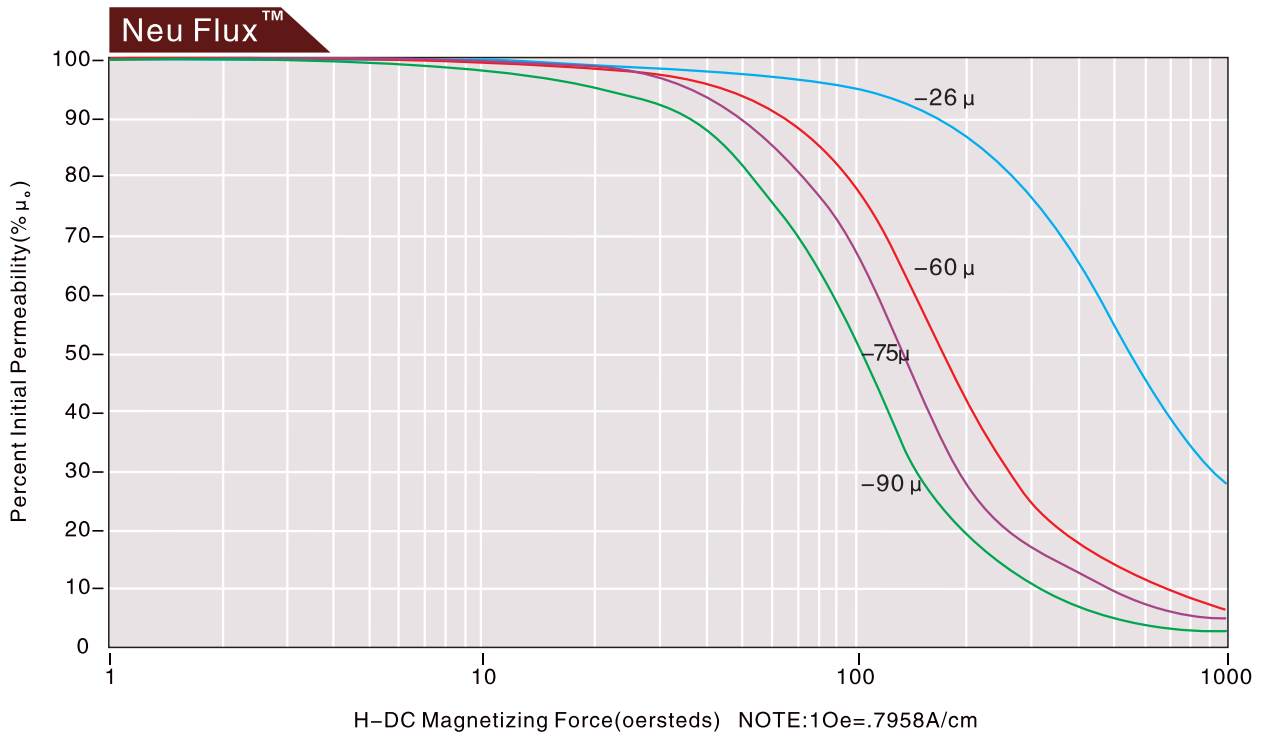


磁导率与频率关系曲线 Permeability vs .Frequency



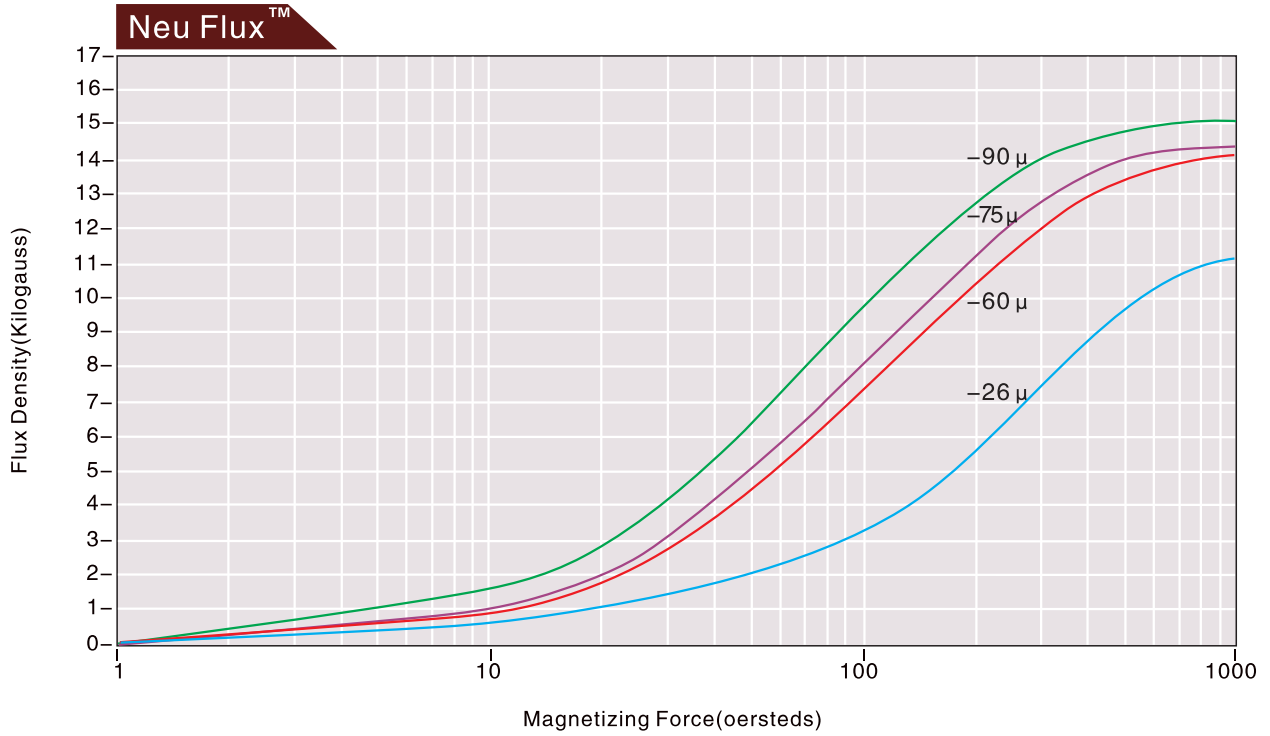
磁导率百分率与DC磁化力关系曲线

Percent Change of Permeability vs .DC Magnetizing Force

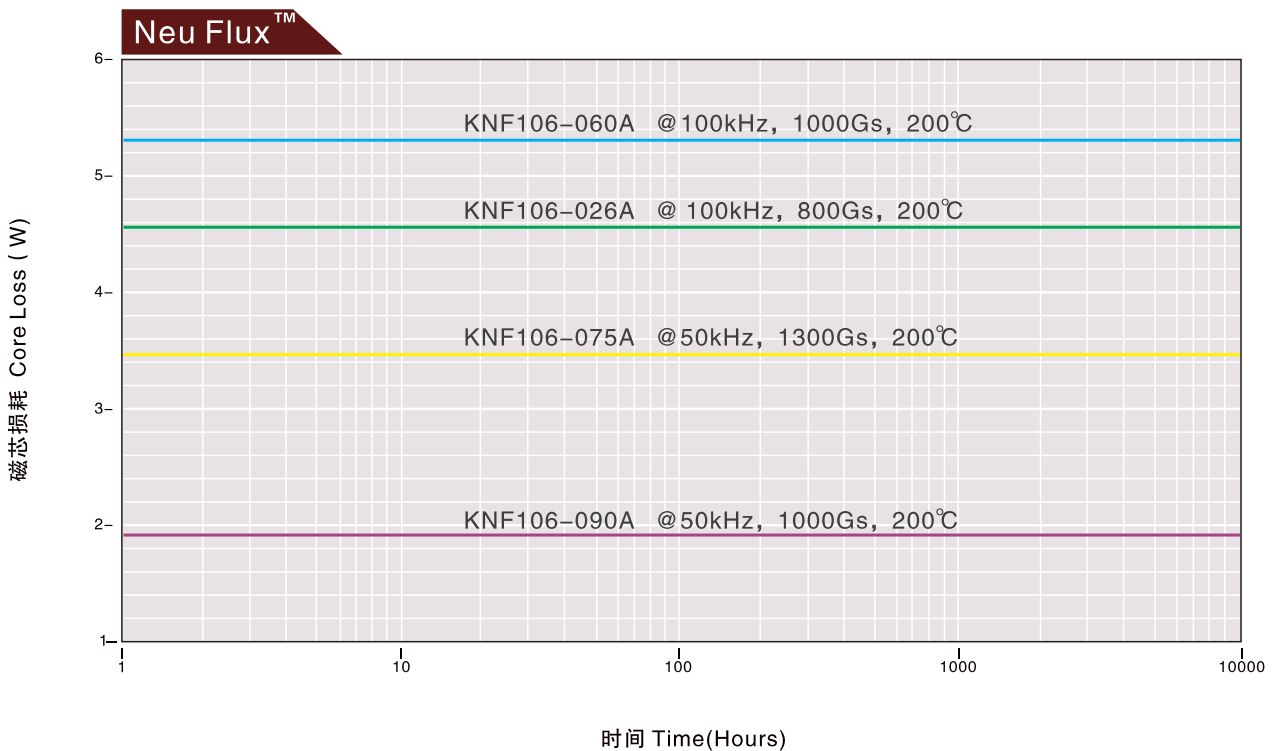


NOTE: 1Oe=.7958A/cm

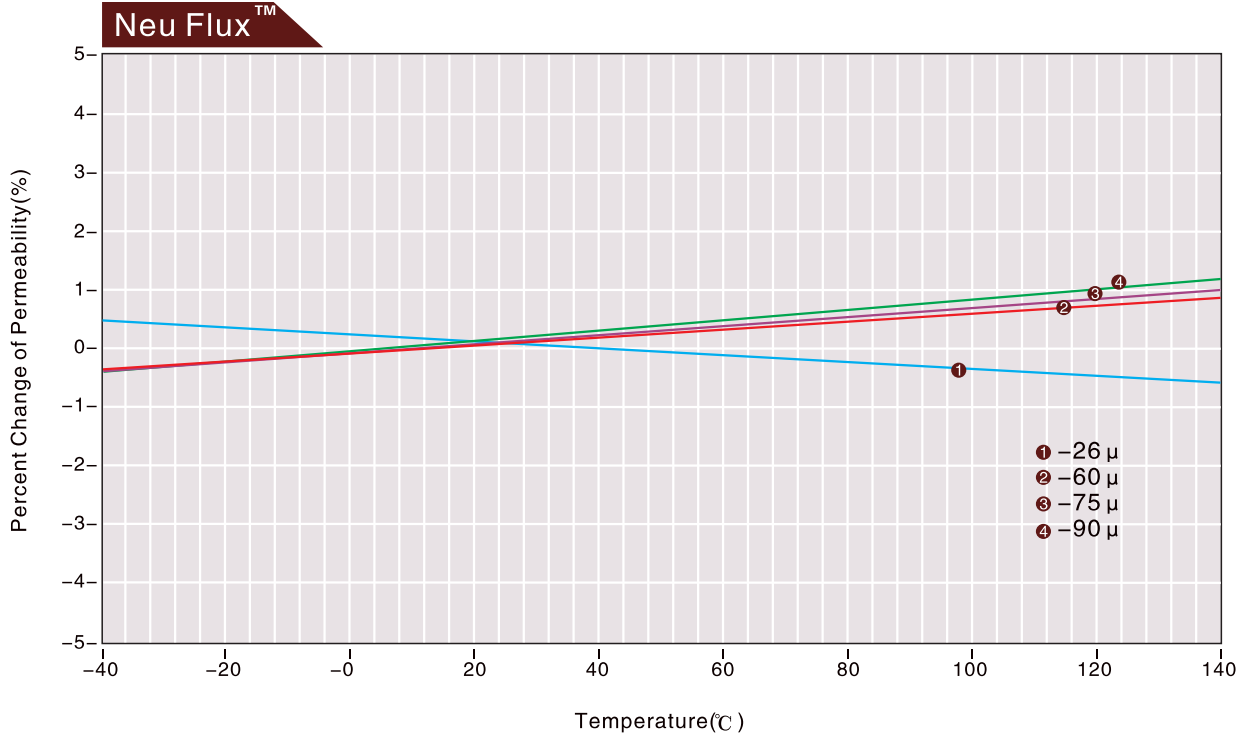
标准磁化曲线 Normal Magnetization Curves



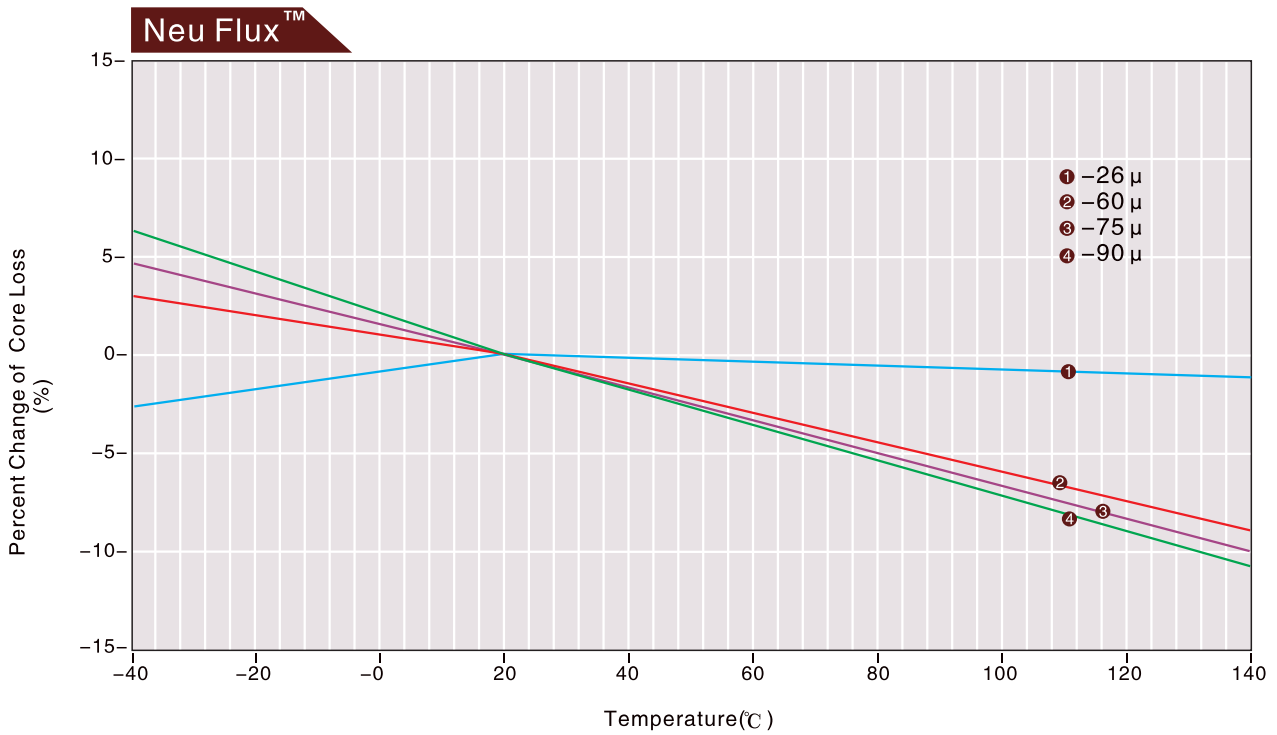
磁芯损耗与时间关系曲线 Core Loss vs Time



磁导率百分率与温度关系曲线 Temperature Stability



磁芯损耗百分率与温度关系曲线 Temperature Stability



典型磁粉芯损耗值曲线 Typical Core Loss Curves

