

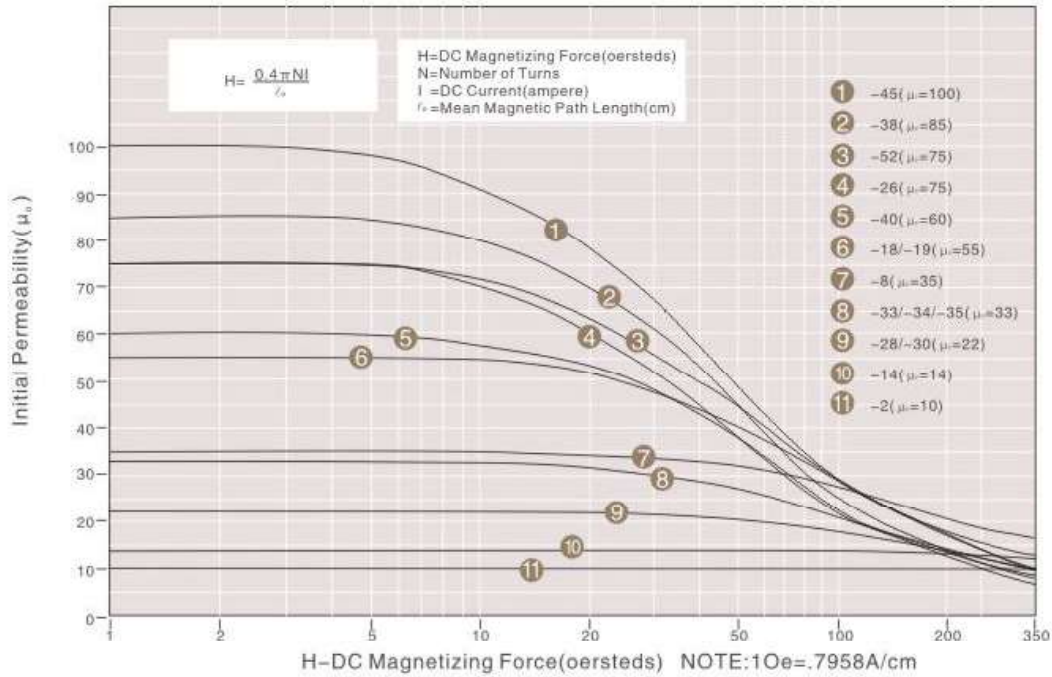
## 材质性能 Material Properties

材质编号 Material Mix Number	有效磁导率( $\mu_e$ ) Reference Permeability	磁导率温度系数 Temp. Coef. Of Perm(+ppm/°C)	线性膨胀系数 Coef. of in Expan(+ppm/°C)	颜色 Color Code
-2	10	100	10	Red/Clear 红/透明
-8	35	285	10	Yellow/Red 黄/红
-14	14	155	10	Black/Red 黑/红
-18	55	385	11	Green/Red 绿/红
-19	55	650	11	Red/Green 红/绿
-26	75	825	12	Yellow/White 黄/白
-28	22	510	11	Gray/Green 灰/绿
-30	22	510	11	Green/Gray 绿/灰
-33	33	665	11	Gray/Yellow 灰/黄
-34	33	565	11	Gray/Blue 灰/蓝
-35	33	665	11	Yellow/Gray 黄/灰
-38	85	955	12	Gray/Black 灰/黑
-40	60	950	11	Green/Yellow 绿/黄
-45	100	1045	12	Black/Black 黑/黑
-52	75	650	12	Green/Blue 绿/蓝

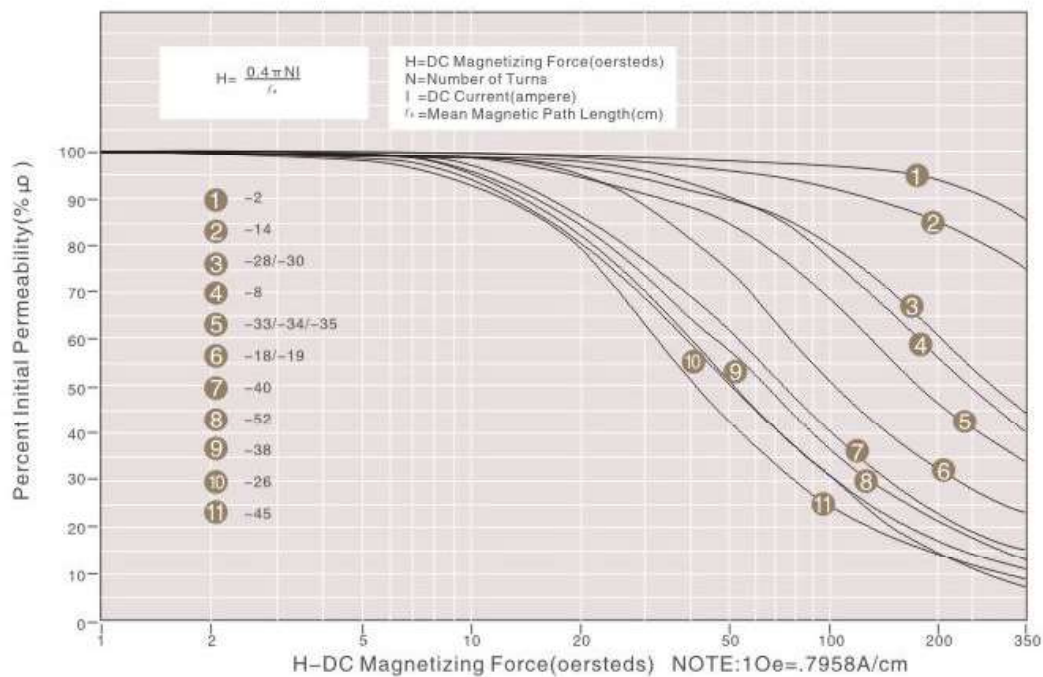
## 磁芯损耗对照表 Core Loss Comparison(mW/cm<sup>3</sup>)

Material Mix No.	60Hz @5000Gs	1kHz @1500Gs	10kHz @500Gs	50kHz @225Gs	100kHz @140Gs	500kHz @50Gs	在DC偏流下的磁导率 Permeability With DC Bias HDC=500e@10kHz	
							% $\mu_n$	$\mu_{effective}$
-2	-	-	-	28	19	12	100	10.0
-8	45	64	59	50	35	28	91	31.9
-14	-	-	-	29	21	17	100	14.0
-18	48	72	70	63	46	37	74	40.7
-19	31	60	72	71	54	49	74	40.7
-26	32	60	75	89	83	139	51	38.3
-28	38	80	120	164	158	247	91	20.0
-30	37	80	120	149	129	129	91	20.0
-33	37	80	126	182	180	291	84	27.7
-34	29	61	87	100	82	78	84	27.7
-35	33	73	109	137	119	123	84	27.7
-38	31	57	72	99	103	217	51	43.4
-40	29	62	93	130	127	223	62	37.7
-45	26	49	60	69	61	92	46	46.0
-52	30	56	68	72	58	63	59	44.3

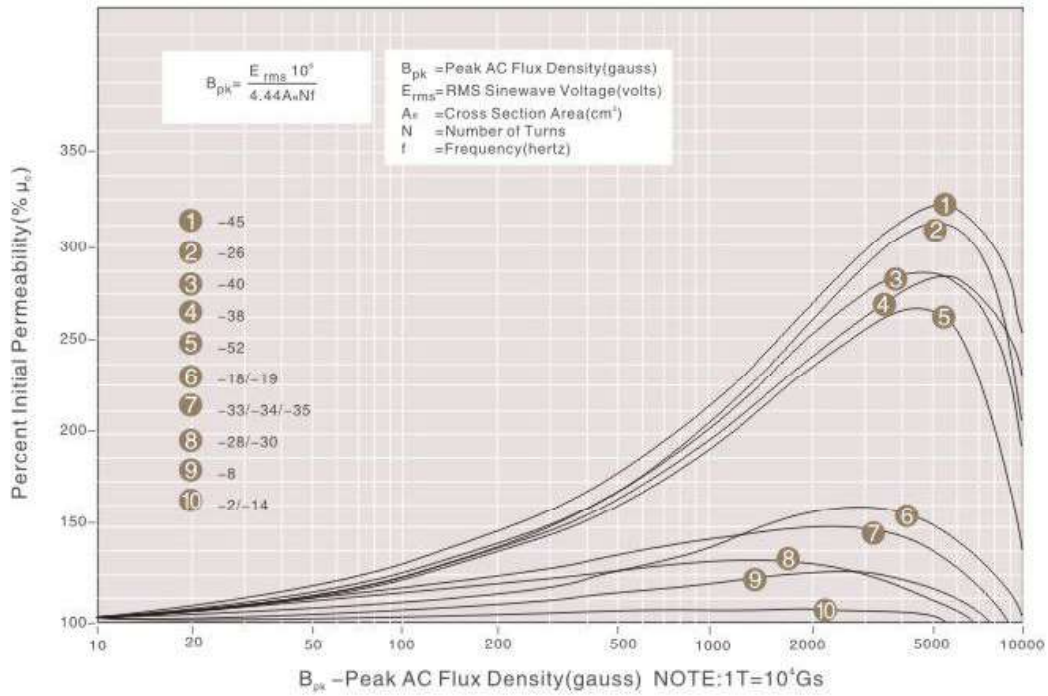
## 磁导率初值与DC磁化力关系曲线 Initial Permeability( $\mu_0$ ) vs DC Magnetizing Force



## 磁导率初值百分率与DC磁化力关系曲线 Percent Initial Permeability(% $\mu_0$ ) vs DC Magnetizing Force



## 磁导率初值百分率与AC通量密度峰值关系曲线 Percent Initial Permeability(% $\mu_0$ ) vs Peak AC Flux Density



## 有效磁导率与频率关系曲线 Effective Permeability vs Frequency

