

Properties for rubber ferrite magnets 橡膠磁石特性表

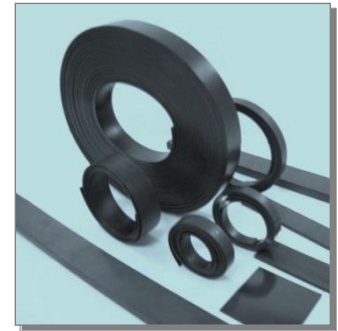
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Grade 牌號		NF-R1	NF-R2	NF-R3L	NF-R3	NF-R4	NF-R5	NF-R6	NF-R7
Magnetic Property	Br (T)	150 ~ 180	180 ~ 220	180 ~ 230	205 ~ 245	220 ~ 250	210 ~ 240	240~270	240 ~ 270
	剩磁強度 (Gs)	1500~1800	1800~2200	1800~2300	2050~2450	2200~2500	2100~2400	2400~2700	2400~2700
	Hcb (kA/m)	105~130	130~151	114~143	144 ~ 176	151 ~ 179	128 ~ 151	151~179	151 ~ 179
	矯頑力 (Oe)	1320~1635	1635~1900	1400~1800	1800~2200	1900~2250	1600~1900	1900~2250	1900~2250
	Hcj (kA/m)	170~238	175~270	143~191	216~248	191~300	159~207	191~238	191~238
	內稟矯頑力 (Oe)	2136~3000	2200~3400	1800~2400	2700~3100	2400~3770	2000~2600	2400~3000	2400~3000
	BHmax (kJ/m ³)	4.0~6.4	6.4~9.6	5.6~9.6	8.8~11.2	9.6~12	9.6~11.2	11.2~13.6	11.2~13.6
	最大磁能積 (MGOe)	0.5~0.8	0.8~1.2	0.7 ~ 1.2	1.1~1.4	1.2~1.5	1.2~1.4	1.4~1.7	1.40~1.70
Physical Property	Tensile (kg/cm ³)	≥ 20	≥ 20	≥ 20	7 ~ 12	≥ 20	≥ 20	≥ 20	≥ 20
	拉伸強度								
	Hardness (A) 硬度	≥ 95	≥ 95	≥ 96	≥ 90	≥ 95	≥ 96	≥ 96	≥ 96
	Density (g/cm ³) 密度	3.6 ~ 3.8	3.6 ~ 3.8	3.6 ~ 3.8	3.6 ~ 3.8	3.6 ~ 3.8	3.6 ~ 3.8	3.6~3.8	3.6 ~ 3.8
	Temperature Range 溫度	-40 ~ 85°C	-40~85°C	-40~85°C	-40~100°C	-40~85°C	-40~85°C	-40~85°C	-40~100°C
	Anti-ignition 阻燃性	V-0	V-0	V-0	V-0	V-0	V-0	V-0	V-0
Chemical Property	Alcohol 酒精	Good	Good	Good	Excellent	Good	Good	Good	Excellent
	Abluent 洗滌劑	Good	Good	Good	Excellent	Good	Good	Good	Excellent
	Organic acid 有機酸	Average	Average	Average	Average	Average	Average	Average	Average
	Inorganic acid 無機酸								
	Thinner 醚酮 稀釋劑	Average	Average	Average	Average	Average	Average	Average	Average
	Hydraulic pressure oil	Average	Average	Average	Average	Average	Average	Average	Average
	液壓油								
	Water 水	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent

Material: Rubber ferrite magnets are made of ferrite powder compound mixed with the synthetic rubber binder.

材質: 氧化鐵橡膠磁石是由氧化鐵磁粉複合橡膠合成的磁石材料。

Manufacturing method: It can be made by calendaring process to become the rolling magnetic sheet or the extruded process for the magnetic strip rolls.

加工方式: 一般加工方式為延壓成型的寬幅卷材及擠出成型的磁條。

Application: micro motors, cooling fans, rotors for motor, stationary, decorative craft and refrigerator door seals.

用途: 小型電機、散熱風扇、電機轉子、文具吸著、裝飾工藝及冰箱門封。