

Properties for Rubber Bonded NdFeB Magnet

橡膠粘結釹鐵硼磁石特性表

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Item	Br		bHc		iHc		BHmax	
Unit	Gs		Oe		Oe		MGOe	
	mT		KA/m		KA/m		KJ/m ³	
Grade	Nor.	Min.	Nor.	Min.	Nor.	Min.	Nor.	Min.
NF-RE1	3300	2700	2400	1800	4000	2600	2.5	1.5
	330	270	191	143	318	207	20	12
NF-RE2	3900	3300	2800	2400	6000	4000	3.5	2.5
	390	330	223	191	478	318	28	20
NF-RE3	4800	3900	3400	2600	9000	6000	4.5	3.5
	480	390	270	207	717	478	36	28
NF-RE4	4800	3900	3400	2600	9000	6000	4.5	3.5
	480	390	270	207	717	478	36	28

Physical Characteristics of Rubber Bonded NdFeB Magnets 橡膠粘結釹鐵硼物理特性

Grade	Tensile Strength (MPa) 拉伸強度	Hardness (Shore A) 硬度	Density (g/cm ³) 密度	Temperature (°C) 溫度範圍
NF-RE1	> 10	90±10	3.8~4.4	-40 ~ 80
NF-RE2	> 10	90±10	4.2~4.8	-40 ~ 80
NF-RE3	> 10	90±10	4.5~5.0	-40 ~ 80
NF-RE4	> 10	90±10	4.5~5.0	-40 ~ 80

Chemical Characteristics of Rubber Bonded NdFeB Magnets 橡膠粘結釹鐵硼化學特性

Grade	耐熱 Heat resistance (100°C*72h)	耐寒 Cold resistance (-40°C*72h)	耐濕 Moisture resistance (60°C*90%RH*72h)	耐油 Motor oil resistance (23°C*72h)	高低溫 High-low temperature (-40°C~80°C *0.5h*5/Cycles)
NF-RE1	Average	Good	Average	Average	Average
NF-RE2	Average	Good	Average	Average	Average
NF-RE3	Average	Good	Average	Average	Average
NF-RE4	Bad	Good	Average	Average	Average

Product features and advantage 產品特點:

Rubber Bonded NdFeB magnet production is the combination of rubber and bonded NdFeB powder, after the process of milling and calendaring, this material may processed into various sizes with preferred strong performance and thin shape. These kind magnets are widely used in various electronic applications like instruments, meters and health care productions. Magnetized service is provided.

橡膠釹鐵硼產品是採用橡膠與粘結釹鐵硼磁粉進行混合，經過一連串密煉延壓等工藝加工成性能高、厚度薄的各種尺寸形狀的產品。廣泛應用於各種電子電器、儀器儀表及醫療保健等領域。