

Magnet test report

QR/QM-12 A/0

Order No.	A20250200015		Batch No	/		Magnetization or not		Magnetization
Performance	N35		Size	L20*10*3mm		Coating		NCN
Quantity	500		Sampling method	spot check		sampling amount		20
content project	①	②	③			Maximum surface magnetic force		
	20	10	3					
standard	±0.05	±0.05	±0.05			N		S
unit	mm	mm	mm			Gs		
1	20.00	10.00	2.99			2770	2690	
2	19.98	10.01	3.01			2810	2780	
3	20.02	9.98	3.02			2790	2670	
4	20.00	10.03	3.03			2810	2760	
5	19.95	10.02	2.99			2770	2680	
6	19.98	10.01	3.02			2810	2820	
7	20.01	10.00	2.99			2790	2720	
8	19.95	10.03	3.01			2780	2730	
9	19.97	10.00	3.00			2810	2770	
10	20.02	10.01	3.02			2790	2710	
11	19.98	9.99	2.99			2820	2750	
12	19.96	9.98	3.01			2810	2730	
13	19.95	10.03	3.02			2770	2700	
14	20.00	10.00	2.99			2800	2800	
15	19.98	9.98	3.01			2790	2790	
16	20.02	10.01	2.99			2810	2820	
17	19.99	10.03	3.02			2770	2680	
18	19.95	9.98	3.01			2810	2810	
19	20.02	10.00	2.99			2790	2740	
20	19.95	10.03	3.01			2770	2820	
Max	20.02	10.03	3.03			2820	2820	
Min	19.95	9.98	2.99			2770	2670	
Avg	19.98	10.01	3.01			2793.50	2748.50	
judgement result	OK	OK	OK			OK	OK	
Test Conclusion	pass							

Inspector:程永生

Audit staff:程邺

Date:2025-4-25

H(kOe)

19.2

16.8

14.4

12

9.6

7.2

4.8

2.4

B&J
kGs

15

12

9

6

3

测试结果

Br	12.119	kGs
Hcb	11.486	kOe
Hcj	12.358	kOe
(BH)m	35.026	MGO
Hk	11.878	kOe
Hk/Hcj	96.115	%
Hd	5.8646	kOe
Bd	5.9724	kGs
Hm	12.555	kOe

尺寸参数

样品长度	6.096	cm
样品宽度	4.181	cm
线圈面积	39.84	cm ²
线圈匝数	2	匝

相关参数

测试日期	
样品温度	20
材料种类	NdFeB
材料批号	0926-262
样品编号	N35-C10-3-15#
测试人员	赖善坤