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江西粤磁稀土新材料科技有限公司
JIANGXI YUECI MAGNETIC MATERIAL TECHNOLOGY CO., LTD



目录 CONTENTS

企业简介
COMPANY PROFILE

产业链流程图
FLOWCHART OF INDUSTRIAL CHAIN

车间概览
WORKSHOP OVERVIEW

研发、检测中心
R&D AND TEST CENTER

性能表
PROPERTY TABLES

粤磁优势
YUECI CORE ADVANTAGE

荣誉资质
HONORS & QUALIFICATIONS

科技创新
SCI-TECH INNOVATION

附录
APPENDIX

企业简介
COMPANY PROFILE

江西粤磁稀土新材料科技有限公司成立于2016年12月，注册资本1.48亿元，产能8000吨，是集稀土永磁材料、永磁电机和磁材行业智能装备研发、生产与销售为一体的稀土新材料及应用企业。公司秉承“诚信、务实、专业、专注”的发展理念，践行“以人为本、科学管理、创新发展、追求卓越”的质量方针，致力于成为世界稀土永磁应用领域及产业的设计者、制造者和领航者。公司于2021年启动IPO上市程序。

Jiangxi Yueci Magnetic Material Technology Co., Ltd., referred to as "YUECI KEJI", was established in December 2016 with a registered capital of RMB148 million and a production capacity of 8,000 tons. YUECI KEJI is a rare earth new material and application enterprise which integrates research and development, production, and sales of rare earth permanent magnet materials, permanent magnet motors and intelligent equipment in the magnetic material industry.YUECI KEJI adheres to the development philosophy of "integrity, pragmatism, professionalism, and concentration" and practices the quality policy of "people-oriented, scientific management, innovative development, and pursuit of excellence", and is committed to becoming a designer, manufacturer and leader of rare earth permanent magnet application fields and industries in the world. YUECI KEJI launched its IPO listing process in 2021.

企业愿景 Corporate Vision

成为世界稀土应用产业的领航企业

To become a leading enterprise in the world's rare earth application industry

企业理念 Corporate Philosophy

勤勉精进者成 上下同欲者胜

Diligence makes success, and all the people with one purpose will win

企业使命 Corporate Mission

成就金色梦想 添力绿色未来

Achieving golden dreams, and building a green future

企业文化 Corporate Culture

携手齐心 共创辉煌 粤来越好

Join hands to create brilliance and get better and better



产业链流程图
FLOWCHART OF INDUSTRIAL CHAIN

速凝铸片
Rapid Solidification Casting

氢碎
Hydrogen Decrepitating

气流磨
Jet Milling

成型
Pressing

烧结
Sintering

机加工
Machining

表面处理
Surface Treatment

成品检验
Inspection

粤磁新技术
Yueci New Technology

稀土永磁体废料
ReFeB Scrap

原矿开采
Raw Ore Mining

稀土分离
Rare Earth Separation

冶炼金属
Smelting Metal

稀土永磁体(烧结)
Rare Earth Permanent Magnets (Sintered)

制备流程
Manufacturing Process

产品应用
Applications

航空航天
Aerospace



新能源汽车
New Energy Vehicle



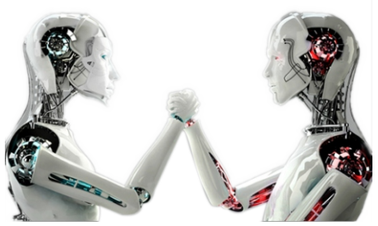
风力发电
Wind Power

磁力机械、磁悬浮与磁传动
Magnetic Machinery, Magnetic Levitation and Magnetic Transmission



电子消费品
Electronic Consumer Goods

磁分离、磁化器与磁医疗仪器
Magnetic Separation, Magnetizers and Magnetic Medical Instruments



智能制造
Smart Manufacturing



产品应用：稀土永磁产品以其优异的磁性能，广泛应用于航空航天、高铁列车、汽车工业、电机工程、医疗保健、五金机械、传感电声、仪器仪表等高新技术领域。

Rare earth permanent magnet products are widely used in high-tech fields such as aerospace, high-speed trains, automotive industry, electrical engineering, medical & health care, hardware machinery, sensing electroacoustics, instrumentation and so on due to their excellent magnetic properties.

车间概览
WORKSHOP OVERVIEW

根据需求的尺寸和形状进行机械加工（含倒角、表面处理及粤磁新技术（可选））。

Machining according to the required size and shape, including chamfering, surface treatment and YUECI new technology (optional).



Machining
机加工

磁粉颗粒在压模中磁场取向后压制成需求的外型，形成“生坯”。

The magnetic powder particles are oriented by the magnetic field in the Pressing, and pressed into the required shape to form a "green".



Pressing
压型

将符合要求的原材料通过速凝铸片炉，制备成合金片。

Use the raw materials that meet the requirements to prepare alloy flakes in a rapid solidification flake casting furnace.



速凝铸片
Rapid Solidification Casting

Inspection
成品检验



尺寸外观检验－充磁（可选）－包装－标识－发货。

Dimensional and appearance inspection – Magnetization (optional) – Packaging – Marking – Shipping.

Sintering
烧结



“生坯”经过真空烧结炉的“烧结＋时效”处理，实现致密化和微观结构调控，确保符合设计理论磁性能。

The "green" undergoes "Sintering + Aging" treatment in a vacuum sintering furnace to achieve densification and microstructure control, ensuring compliance with design theoretical magnetic properties.

Jet Milling
气流磨



合金片经过“氢碎＋气流磨”制程处理，形成微米级磁粉颗粒。

The alloy flakes are processed through the "Hydrogen Decrepitating + Jet Milling" to form micron-sized magnetic powder particles.

研发、检测中心
R&D AND TESTING CENTER

粤磁科技拥有 6 个实验室（检测中心）。分别为磁性能测试中心、尺寸测试中心、理化实验室、ICP光谱成分实验室、扫描电镜及 ROHS测试实验室、化学成分及力学检测实验室。

YUECI KEJI has 6 laboratories (testing centers). They are magnetic property testing center, dimensional testing center, physical and chemical laboratory, ICP spectral composition laboratory, scanning electron microscope and ROHS testing laboratory, chemical composition and mechanical testing laboratory.

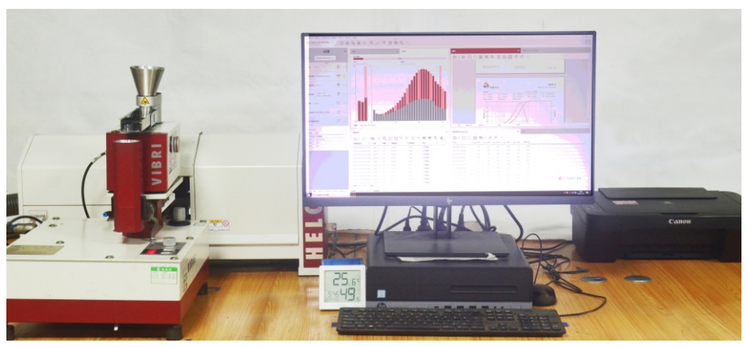
磁性能测试中心：稀土永磁体（及其他类别永磁材料）的室温或高温磁性能测试。

Magnetic Property Testing Center: Room temperature or high temperature magnetic property testing of rare earth permanent magnets (and other types of permanent magnet materials).

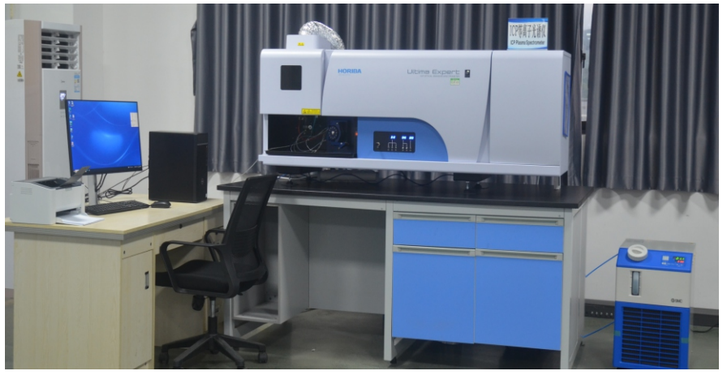


尺寸测试中心：产品尺寸及形位公差测试。

Dimensional Testing Center: product size and geometric tolerance testing.





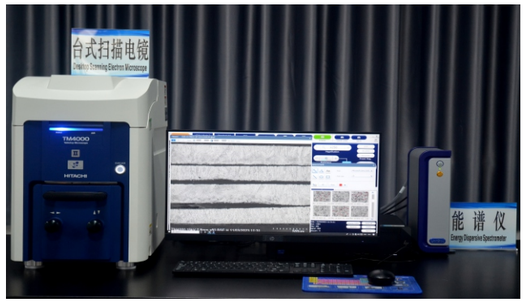


ICP光谱成分实验室：合金或纯金属材料元素定性和定量检测 。

ICP Spectral Composition Laboratory: Qualitative and quantitative testing of alloy or pure metal material elements.

扫描电镜及 ROHS测试实验室：1）合金或纯金属材料组织形貌及成分定量测试；2）金属和非金属涂层（镀层）厚度测试；3）环境管控物质监测。

Scanning Electron Microscope and ROHS Testing Laboratory: 1) Quantitative testing of the structure morphology and composition of alloy or pure metal materials. 2) Thickness testing of metal and non-metal coatings (platings). 3) Monitoring of environmentally controlled substances.

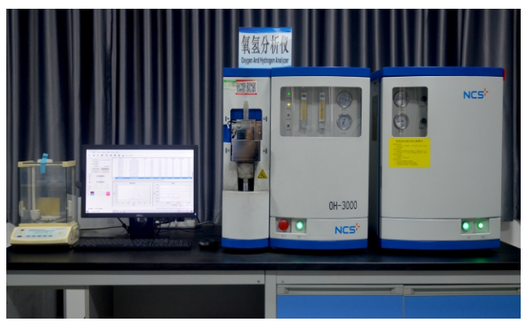




化学成分及力学检测实验室：1）合金或纯金属中残氢、残氧、残碳和残硫含量检测；2）合金或纯金属材料力学特性检测。

Chemical Composition and Mechanical Testing Laboratory: 1) Detection of residual hydrogen, residual oxygen, residual carbon and residual sulfur content in alloys or pure metals. 2) Detection of mechanical properties of alloys or pure metal materials.





烧结钕铁硼磁性能表

STANDARD SPECIFICATIONS FOR SINTERED NDFEB MAGNET

材料牌号 Grade	剩磁Br				内禀矫顽力Hcj		磁感矫顽力Hcb		最大磁能积BH(max)				最高工作温度
	T		kGs		kOe	kA/m	kOe	kA/m	MGOe		kJ/m³		圆柱长径比 L/D=0.7 pc=2.17
	min	max	min	max	min	min	min	min	min	max	min	max	
N42	1.28	1.32	12.8	13.2	12	955	11.6	923	39	44	310	350	80℃
N45	1.32	1.38	13.2	13.8	12	955	11.0	876	42	47	334	374	
N48	1.37	1.42	13.7	14.2	12	955	11.2	892	45	50	358	398	
N50	1.39	1.44	13.9	14.4	12	955	11.0	876	47	52	374	414	
N52	1.42	1.47	14.2	14.7	12	955	11.0	876	49	54	390	430	
N54	1.44	1.49	14.4	14.9	11	876	9.0	716	51	56	406	446	
N55	1.46	1.52	14.6	15.2	11	876	9.0	716	52	57	414	454	
N56	1.47	1.53	14.7	15.3	11	876	9.0	716	53	58	422	462	
N58	1.49	1.55	14.9	15.5	11	876	9.0	716	55	60	438	478	
42M	1.28	1.32	12.8	13.2	14	1114	12.0	955	39	44	310	350	100℃
45M	1.32	1.38	13.2	13.8	14	1114	12.5	995	42	47	334	374	
48M	1.36	1.42	13.6	14.2	14	1114	12.8	1019	45	50	358	398	
50M	1.39	1.44	13.9	14.4	14	1114	13.0	1035	47	52	374	414	
52M	1.42	1.47	14.2	14.7	13	1035	12.5	995	49	54	390	430	
55M	1.46	1.52	14.6	15.2	13	1035	12.8	1019	52	57	414	454	
42H	1.28	1.32	12.8	13.2	17	1353	12.0	955	39	44	310	350	120℃
45H	1.32	1.38	13.2	13.8	17	1353	12.2	971	42	47	334	374	
48H	1.36	1.42	13.6	14.2	17	1353	12.9	1027	45	50	358	398	
50H	1.39	1.44	13.9	14.4	17	1353	13.0	1035	47	52	374	414	
52H	1.42	1.47	14.2	14.7	17	1353	13.2	1051	49	54	390	430	
54H	1.44	1.5	14.4	15	16	1274	13.5	1075	51	56	406	446	
55H	1.46	1.52	14.6	15.2	16	1274	13.5	1075	52	57	414	454	
38SH	1.22	1.25	12.2	12.5	20	1592	11.4	907	35	40	279	318	150℃
40SH	1.25	1.28	12.5	12.8	20	1592	11.8	939	37	42	295	334	
42SH	1.28	1.32	12.8	13.2	20	1592	12.2	971	39	44	310	350	
45SH	1.32	1.38	13.2	13.8	20	1592	12.3	979	42	47	334	374	
48SH	1.36	1.42	13.6	14.2	20	1592	12.5	995	45	50	358	398	
50SH	1.39	1.44	13.9	14.4	19	1512	13.0	1035	47	52	374	414	
52SH	1.42	1.47	14.2	14.7	19	1512	13.2	1051	49	54	390	430	
54SH	1.45	1.5	14.5	15	19	1512	13.5	1075	51	56	406	446	
30UH	1.08	1.13	10.8	11.3	25	1990	10.2	812	27	32	215	255	180℃
33UH	1.13	1.17	11.3	11.7	25	1990	10.7	852	30	35	239	279	
35UH	1.17	1.22	11.7	12.2	25	1990	10.8	860	32	37	255	295	
38UH	1.22	1.25	12.2	12.5	25	1990	11.0	876	35	40	279	318	
40UH	1.25	1.28	12.5	12.8	25	1990	11.5	915	37	42	295	334	
42UH	1.27	1.33	12.7	13.3	25	1990	12.2	971	39	44	310	350	
45UH	1.32	1.38	13.2	13.8	25	1990	12.6	1003	42	47	334	374	
48UH	1.37	1.42	13.7	14.2	24	1910	12.5	995	45	50	358	398	
50UH	1.39	1.44	13.9	14.4	24	1910	13.0	1035	47	52	374	414	
52UH	1.42	1.47	14.2	14.7	24	1910	13.2	1051	49	54	390	430	
30EH	1.08	1.13	10.8	11.3	30	2388	10.2	812	27	32	215	255	200℃
33EH	1.13	1.17	11.3	11.7	30	2388	10.3	820	30	35	239	279	
35EH	1.17	1.22	11.7	12.2	30	2388	10.5	836	32	37	255	295	
38EH	1.2	1.25	12	12.5	30	2388	11.5	915	35	40	279	318	
40EH	1.25	1.28	12.5	12.8	30	2388	11.9	947	37	42	295	334	
42EH	1.28	1.32	12.8	13.2	29	2308	12.2	971	39	44	310	350	
45EH	1.32	1.38	13.2	13.8	29	2308	12.6	1003	42	47	334	374	
48EH	1.37	1.42	13.7	14.2	29	2308	12.5	995	45	50	358	398	
50EH	1.39	1.44	13.9	14.4	29	2308	13.0	1035	47	52	374	414	
28AH	1.02	1.09	10.2	10.9	34	2706	9.8	780	25	30	199	239	230℃
30AH	1.07	1.13	10.7	11.3	34	2706	10.2	812	27	32	215	255	
33AH	1.11	1.17	11.1	11.7	34	2706	10.5	836	30	35	239	279	
35AH	1.17	1.22	11.7	12.2	34	2706	10.5	836	32	37	255	295	
38AH	1.22	1.25	12.2	12.5	34	2706	11.5	915	35	40	279	318	
40AH	1.25	1.28	12.5	12.8	34	2706	11.9	947	37	42	295	334	
42AH	1.28	1.32	12.8	13.2	34	2706	12.2	971	39	44	310	350	

物理性能

PHYSICAL PROPERIES

项目Item	参数Parameters	参考值Reference Value
辅助磁性能 Additional magnetic properties	剩磁温度系数: Temp.Coeff.of Br(a(Br)/(%/K)	-0.085~-0.125
	内禀矫顽力温度系数 Temp.Coeff.of Hcj (β(Hcj)/(%/K)	-0.42~-0.80
	居里温度Curie Temperature(Tc) /℃	310~380
	回复磁导率Recoil Permeability(μrec)	-1.05
机械物理特性 Mechanical and physical properties	密度Density /(g/cm³)	7.40~7.70
	维氏硬度Vickers Hardness /(HV)	500~700
	电阻率Electrical Resistivity/(μΩ.m)	1.2~1.6
	抗压强度Compressive Strength/Mpa	1000~1100
	抗拉强度Tensile Strength/Mpa	80~90
	抗弯强度Bending Strength/Mpa	150~400
	热传导率Thermal Conductivity(W/(m.k)	6~10
	杨氏模量Young's Modulus/Gpa	150~200
	热膨胀系数（垂直于取向方向）Coefficient of Thermal Expansion (C⊥)*/10⁻/K	-2~0
	热膨胀系数（平行于取向方向）Coefficient of Thermal Expansion（C∥)*/10⁻/K	4~9

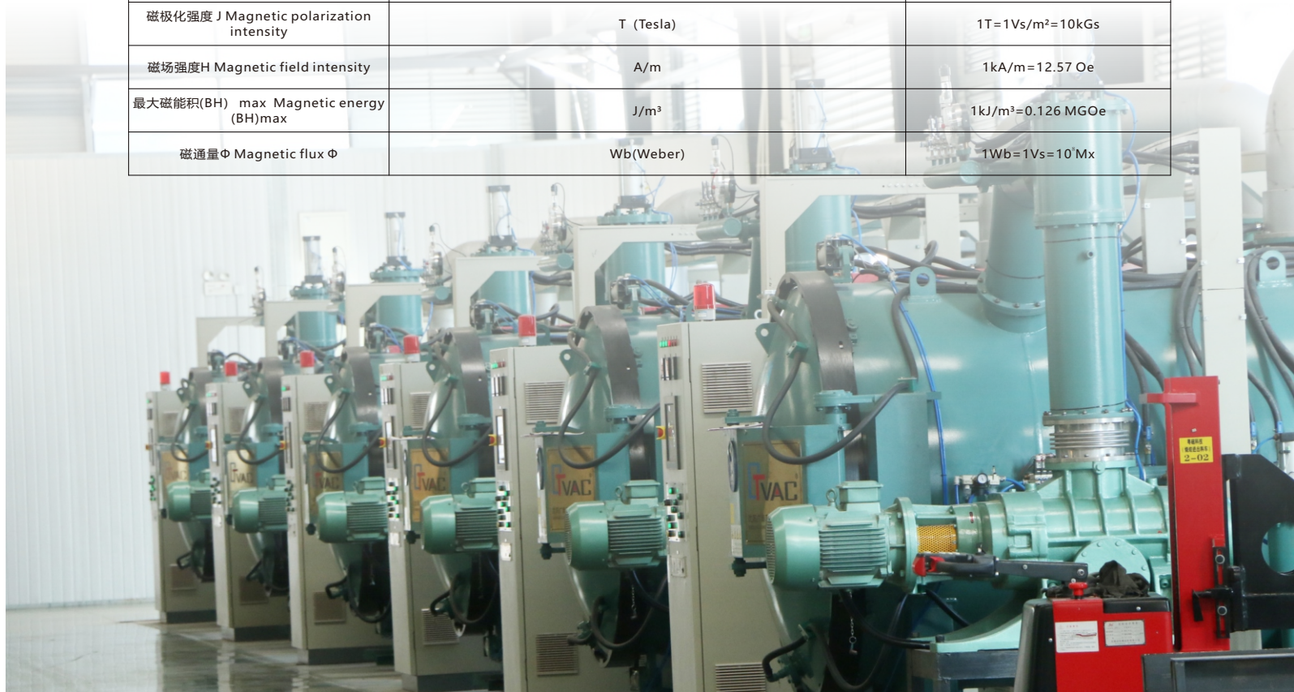
备注：物理性能，供设计和选材时参考，不作为验收依据。

Notes:Physical properties, for reference only when designing and selecting materials, not used as a basis for acceptance.

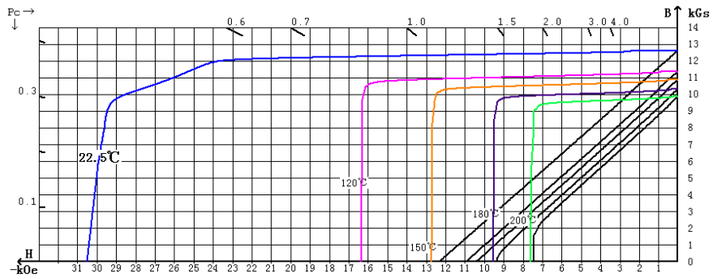
磁性能参数及换算表

MAGNETIC PARAMETER AND CONVERSION TABLE

参数及表示 Unit and Symbol	国际单位SI-units	单位换算Converson Table
磁感应强度B Flux density B	T（Tesla)	1T=1Vs/m²=10kGs
磁极化强度 J Magnetic polarization intensity	T（Tesla)	1T=1Vs/m²=10kGs
磁场强度H Magnetic field intensity	A/m	1kA/m=12.57 Oe
最大磁能积(BH） max Magnetic energy (BH)max	J/m³	1kJ/m³=0.126 MGOe
磁通量Φ Magnetic flux Φ	Wb(Weber)	1Wb=1Vs=10⁸Mx



粤磁优势
YUECI CORE ADVANTAGE



粤磁
新技术，实现磁性强、
耐温好、成本低，
让磁应用更广泛。
YUECI new technology achieves strong magnetism, good temperature resistance, and low cost, making permanent magnets more widely used.

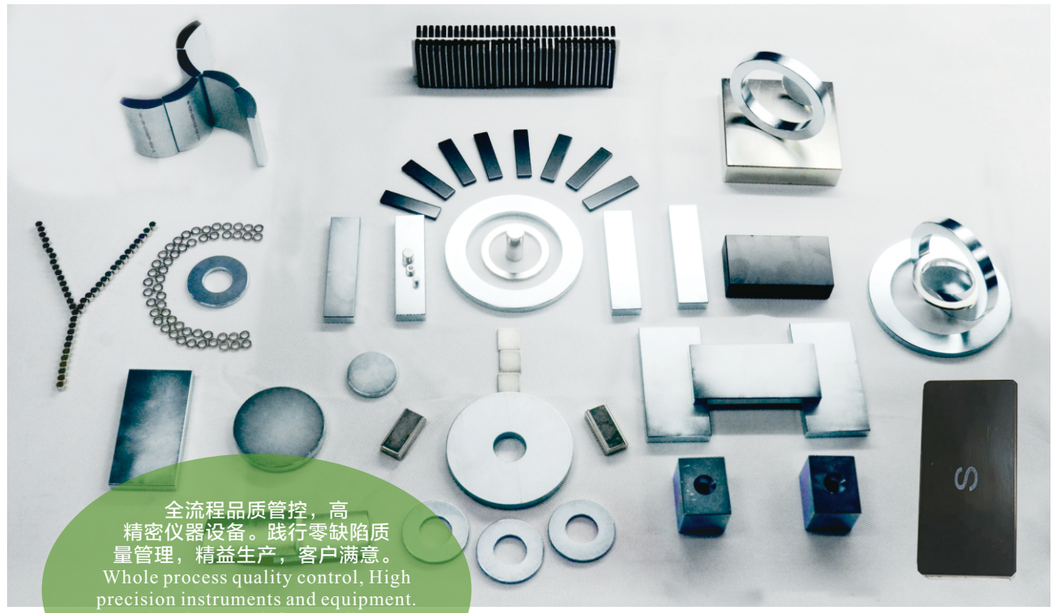
典型材料在不同导磁系数和不同磁通衰减下的工作温度
The operating temperature of a typical material with different magnetic permeability and different magnetic flux attenuation

磁通衰减限度 Flux density Loss limit	规格以及对应的导磁系数/工作温度（/℃）Specifications and corresponding magnetic permeability/operating temperature (/℃)	N42	N48	N52	42M	50M	38H	42H
3%	D10*7mm B/μ₀H=2.17	94	92	74	109	104	150	140
	D10*4mm B/μ₀H=1.07	69	66	45	90	88	129	118
	D10*2mm B/μ₀H=0.47	53	44	30	66	59	112	98
	D10*1mm B/μ₀H=0.22	37	35	30	50	43	99	85
5%	D10*7mm B/μ₀H=2.17	97	96	81	112	118	155	145
	D10*4mm B/μ₀H=1.07	72	69	50	94	93	133	121
	D10*2mm B/μ₀H=0.47	54	46	35	71	64	114	102
	D10*1mm B/μ₀H=0.22	40	38	34	55	46	102	89

磁通衰减限度 Flux density Loss limit	规格以及对应的导磁系数/工作温度（/℃）Specifications and corresponding magnetic permeability/operating temperature (/℃)	48H	38SH	42SH	45SH	33UH	38EH	30AH
3%	D10*7mm B/μ₀H=2.17	134	176	168	143	214	223	235
	D10*4mm B/μ₀H=1.07	105	153	147	120	199	207	229
	D10*2mm B/μ₀H=0.47	82	131	122	102	184	177	214
	D10*1mm B/μ₀H=0.22	65	122	111	92	171	162	195
5%	D10*7mm B/μ₀H=2.17	139	181	172	157	222	230	270
	D10*4mm B/μ₀H=1.07	110	159	151	123	203	210	250
	D10*2mm B/μ₀H=0.47	88	135	124	106	189	202	240
	D10*1mm B/μ₀H=0.22	70	123	112	94	176	193	216
备注: Notes	1.样品是未经过表面处理的；The sample is not surface treated.							
	2.磁衰减保温时间为4小时；Magnetic attenuation holding time is 4 hours.							
	3.关键磁性能指标与磁通衰减相关，磁组件及磁路设计请参照我司工程师建议。Key magnetic performance indicators are related to magnetic flux attenuation. Magnetic components and magnetic circuit design please refer to our engineer's suggestion.							



毛坯外型和尺寸满
足客户定制需求。
The shape and size of the blank can meet customers' customized needs.



全流程品质管控，高
精密仪器设备。践行零缺陷质
量管理，精益生产，客户满意。
Whole process quality control, High precision instruments and equipment. Practice zero defect quality management, lean production, customer satisfaction.

粤磁 YUECI Core 优势 Advantage

高丰度稀土永磁材料
研发和制造，助力稀土产业绿
色可持续发展。
R&D and manufacturing of high-abundance rare earth permanent magnet materials to help the green and sustainable development of the rare earth industry.

表面处理指标
Surface Treatment Index

项目Item \ 涂层Coating	磷化Phosphating	塑胶RB	蓝白锌White Zn	彩锌Colorized Zn	镍铜镍NiCuNi
颜色Colour	Gray	Blue	White	Multicolor	Silver
厚度Thickness(μm)	<3	0.5~3	5~10	5~10	12~25
PCT	-	-	-	-	>48hr
盐雾试验(Salt Spray Test)	-	-	>24hr	>48hr	>72hr
工作温度(Working Temperature	-	-	<160℃	<160℃	<200℃
项目Item \ 涂层Coating	铜镍CuNi	锌镍ZnNi	电泳环氧Electrophoresis Epoxy	喷涂环氧Spraying Epoxy	铜镍+环氧NiCu+Epoxy
颜色Colour	Silver	Blue White~Silver	Black	Black	Black
厚度Thickness(μm)	12~20	5~15	15~30	15~30	25~45
PCT	>48hr	>24hr	>96hr	>240hr	>150hr
盐雾试验(Salt Spray Test)	>72hr	>240hr	>500hr	>500hr	>800hr
工作温度(Working Temperature	<200℃	<200℃	<160℃	<200℃	<200℃

荣誉资质
HONORS & QUALIFICATIONS

粤磁科技是国家高新技术企业、国家专精特新“小巨人”企业、国家绿色工厂、江西省瞪羚企业、江西省管理创新示范企业、江西省守合同重信用公示单位、江西省信用管理建设示范企业、江西民营企业社会责任领先企业、江西省重点上市后备企业。

YUECI KEJI is a National High-tech Enterprise, a National Specialized and Sophisticated "Little Giant" Enterprise, a National Green Factory, a Jiangxi Provincial Gazelle Enterprise, a Jiangxi Provincial Management Innovation Model Enterprise, a Public Announcement Enterprise of Jiangxi Provincial Contract-abiding and Credit-abiding, a Jiangxi Provincial Credit Management Construction Demonstration Enterprise, a Jiangxi Private Enterprise Social Responsibility Leading Enterprise, and a Jiangxi Provincial Key Listed Backup Enterprise.













粤磁科技致力于稳定地提供符合客户要求的产品和服务，确保顾客满意。获得ISO9001质量管理体系和IATF16949汽车质量管理体系双体系认证，并予以贯彻执行。

YUECI KEJI is committed to stably providing products and services that meet customer requirements and ensuring customer satisfaction. YUECI KEJI has obtained and implemented dual-system certifications of ISO9001 quality management system and IATF16949 automotive quality management system.

粤磁科技践行绿色可持续发展：1）获得ISO14001环境管理体系和ISO45001职业健康安全管理体系双体系认证，并予以贯彻执行；2）主导《江西绿色生态 烧结钕铁硼永磁材料》和《江西绿色生态再生烧结钕铁硼永磁材料》团体标准制订；3）烧结钕铁硼永磁材料H档（简化代号：N35H、N45H、N48H）获江西省绿色生态产品认证，获得江西省首张烧结钕铁硼永磁材料类“江西绿色生态产品”认证证书；4）35SH、45SH和52H产品获得“国家绿色设计产品”荣誉称号。

YUECI KEJI practices green and sustainable development: 1) Obtained and implemented dual-system certifications of ISO14001 environmental management system and ISO45001 occupational health and safety management system. 2) Led the formulation of the group standard "Jiangxi Green Ecology - Sintered neodymium iron boron permanent magnets " and "Jiangxi Green Ecology - Recycled sintered neodymium iron boron permanent magnets" . 3) The H-grade of S-NdFeB permanent magnets (simplified code: N35H, N45H, N48H) obtained Green Ecology Product Certification of Jiangxi Province, and obtained the first "Jiangxi Green Ecology Product Certification " certificate of S-NdFeB permanent magnets in Jiangxi Province; 4) 35SH, 45SH and 52H products won the honorary title of "National Green Design Product".









科技创新
SCI-TECH INNOVATION

粤磁科技与中科院过程工程研究所、中国科学院赣江创新研究院、江西省钨与稀土研究院和江西理工大学等科研院所达成战略合作，组建省级企业技术中心、市级技术创新中心和市级工业设计中心。先后承担江西省重点创新产业化升级工程项目、省级工业发展专项新兴产业倍增项目、中央引导地方科技发展专项项目和赣州市科技重大专项等科技项目，拥有专利60余件。

YUECI KEJI has reached strategic cooperation with scientific research institutes such as the Institute of Process Engineering - CAS, Ganjiang Innovation Academy - CAS, Jiangxi Institute of Tungsten and Rare Earth, Jiangxi University of Science and Technology, etc., and has established provincial enterprise technology center, municipal technology innovation center and municipal industrial design center. YUECI KEJI has successively undertaken scientific and technological projects such as Jiangxi Provincial key innovative industrialization upgrading project, provincial industrial development special emerging industry doubling project, centrally guided local science and technology development special project, and Ganzhou city major science and technology special project. YUECI KEJI owns more than 60 patents.



附 录
APPENDIX

产品执行的相关标准（部分）
Relevant Standards for Product Execution (part)

序号 No.	法律法规名称 Name of Laws and Regulations	发布或标准号 Release or Standard Number
1	烧结钕铁硼永磁材料 Sintered neodymium iron boron permanrnt magnets	GB/T 13560-2017
2	永磁（硬磁）脉冲测量方法指南 Guides for methods of measurement of the magnetic properties of permanent (magnetically hard) materials by pulsed field magnetometry.	GB/T 29628-2013
3	永磁材料磁性能温度系数测量方法 Method of measurement of temperature coefficient of magnetic properties of permanent magnetic materials.	GB/T 24270-2009
4	晶界扩散钕铁硼永磁材料 Grain boundary diffusion neodymium iron boron permanent magnet materials	GB/T 42160-2022
5	烧结钕铁硼表面镀层 Coatings for sintered neodymium iron boron permanent magnets	GB/T 34491-2017
6	烧结钕铁硼永磁体失重试验方法 Test method of weight loss of sintered neodymium iron boron permanent magnets	GB/T 40792-2021
7	人造气氛腐蚀试验 盐雾试验 Corrosion tests in artificial atmospheres-Salt spray tests.	GB/T 10125-2021
8	稀土永磁材料高温磁通不可逆损失检测方法 Measurement method of irreversible magnetic flux loss due to high temperature of rare earth permanent magnet	GB/T 40794-2021

磁体使用和存放安全注意事项
SAFETY NOTES FOR THE USE AND STORAGE OF MAGNETS

1、切勿将磁体靠近携带如心脏起搏器等医疗器械的人士，或许会导致医疗器材工作失常，危及人员生命；
2、充磁后的产品要远离软盘、磁卡、磁带、信用卡、电子设备和电子仪表盘，容易导致磁记录消失或装置损毁；
3、充磁后的产品，磁力较强，会对其他磁体或易磁化物质产生较强的吸引力，要防对人员造成机械损伤；
4、因烧结钕铁硼抗冲击性弱，在运输、搬运及使用等过程易受外力作用导致破损或缺角，请谨防缺角产生的碎屑对眼睛及其他器官的伤害；
5、请妥善存放磁体，不当的保存容易导致磁体生锈或性能及机械强度减弱。例如：
（a）存储空间含酸、碱、有机溶剂或电解液;
（b）存储空间高温高湿且密闭；
（c）存储空间具有较高的氢含量、氧含量或氮含量。

1.Do not place magnets near people carrying medical devices such as pacemakers. It may cause medical equipment to malfunction and endanger person's life.
2.Magnetized products should be kept away from floppy disks, magnetic cards, tapes, credit cards, electronic equipments and electronic instrument panels, which may easily cause the magnetic records to disappear or the device to be damaged.
3.Magnetized products have strong magnetic force and will have strong attraction to other magnets or easily magnetizable substances. Pay full attention when using it to prevent mechanical damage to personnel.
4.Since sintered NdFeB has weak impact resistance, it is vulnerable to external force in the process of transportation, handling and use, resulting in damage or missing corners.. And beware of damage to eyes and other organs caused by debris from missing corners.
5.Keep magnets in good condition. Improper storage can easily cause the magnet to rust or weaken its performance and mechanical strength. For example:
(a)The storage space contains acid, alkali, organic solvent or electrolyte.
(b)The storage space is high temperature, high humidity and sealed.
(c)The storage space has a high hydrogen, oxygen or nitrogen content.