

镁科®



镁科®

TANGSHAN WEIHAO
MAGNESIUM POWDER CO.,LTD.

唐山威豪镁粉有限公司

创新 协作 可持续

Innovation, Collaboration
Sustainability



Official Website



企业官网



微信公众号

唐山威豪镁粉有限公司
Tangshan Weihao Magnesium Powder Co.,Ltd.

地址：河北省迁安市

Address：Qian'an city, Hebei, China

邮编 (Zip code): 064406

电话 (Tel): +86-0315-2510615/2510616

传真 (Fax): +86-0315-2510617

中国·迁安
Qianan, China

www.tswhmf.com

目录

Contents



01 企业介绍 Enterprise Introduction

- 01 关于我们
About Us
- 03 发展历程
Milestones
- 05 企业文化
Corporate Culture
- 07 荣誉与资质
Accolades & Certifications

02 产品信息 Product Information

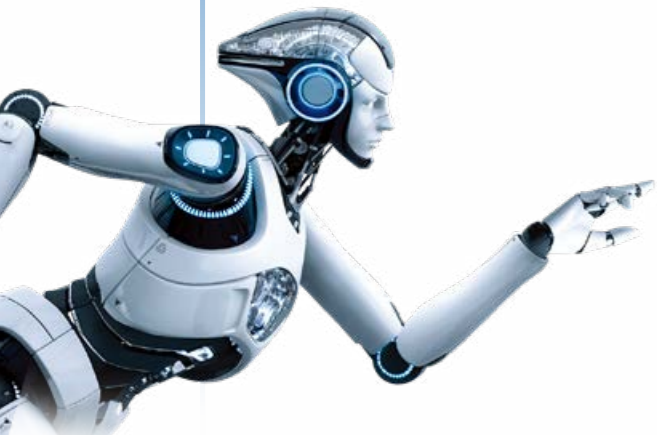
- 09 雾化球形镁粉
Atomized Spherical Magnesium Powder
- 11 雾化球形铝镁合金粉
Atomized Spherical Al-Mg Alloy Powder
- 13 雾化球形镁合金粉
Atomized Spherical Magnesium Alloy Powder
- 15 雾化球形镁锌合金粉
Atomized Spherical Mg-Zn Alloy powder
- 16 雾化球形镁锂合金粉
Atomized Spherical Mg-Li Alloy Powder
- 17 雾化球形镁铝锌合金粉
Atomized Spherical Mg-Al-Zn Alloy Powder
- 18 雾化球形镁稀土合金粉
Atomized Mg-RE Series Alloy Powder
- 19 镁基储氢合金粉
Mg-Based Hydrogen Storage Alloy Powder
- 20 雾化球形铝镁硅合金粉
Atomized Spherical Mg-Al-Si Alloy Powder
- 21 高强度铝基合金粉
High-Strength Al-Based Alloy Powder
- 22 雾化球形铝锂合金粉
Atomized Spherical Al-Li Alloy Powder
- 23 雾化球形铝锌合金粉
Atomized Spherical Al-Zn Alloy Powder
- 24 雾化球形铝硅合金粉
Aomized Spherical Al-Si Alloy Powder
- 24 定制化服务
Customized Service

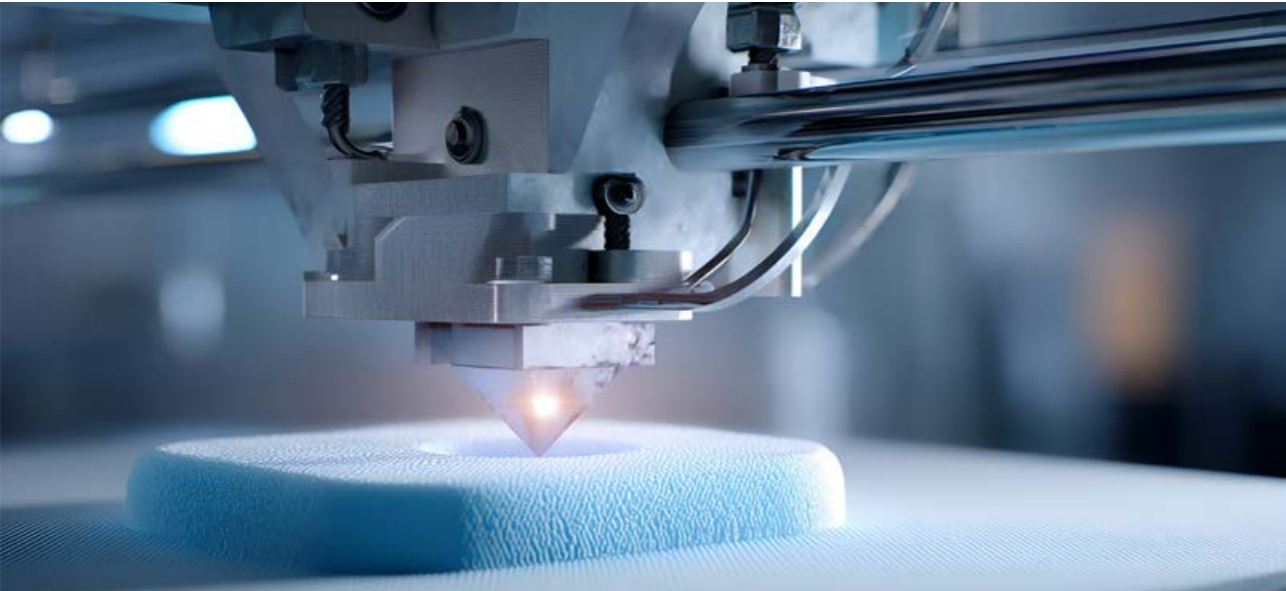
03 应用领域 Application Fields

- 25 应用领域
Application Fields

04 合作客户 Cooperative Clients

- 27 合作客户
Cooperative Clients





镁科®

221 公里

距北京仅 221 公里
总部坐落于河北省迁安市
Headquartered in
Qian'an City, Hebei
Province (221 km
east of Beijing)

唐山威豪镁粉有限公司
Tangshan Weihao Magnesium Powder Co., Ltd.

唐山威豪镁粉有限公司作为行业的领先企业，公司不仅是专精特新小巨人企业，拥有河北省企业技术中心，更是《雾化镁粉》（YS/T 628-2007）国家有色金属行业标准、《增材制造用镁及镁合金粉》（GB/T 44151-2024）国家标准、《增材制造镁合金再制造技术规范》（T/GDMRS 002—2024）团体标准的核心起草单位，是中国高端金属粉体材料的研发与生产领域的核心企业之一。

Tangshan Weihao Magnesium Powder Co., Ltd. stands as an industry leader in advanced metal powder technology. Recognized as a National Specialized, Sophisticated, and Innovative "Little Giant" Enterprise and a holder of the Hebei Provincial Enterprise Technology Center designation, we are a core drafting unit for multiple national and industry standards, including:
Atomized Magnesium Powder(YS/T 628-2007, National Nonferrous Metal Industry Standard)
Magnesium and Magnesium Alloy Powders for Additive Manufacturing (GB/T 44151-2024, National Standard)
Technical Specification for Magnesium Alloy Remanufacturing via Additive Manufacturing (T/GDMRS 002—2024, Group Standard)

2000 年成立

高端金属粉体材料工业化制造企业
Industrialized manufacturing enterprise of
high-end metal powder materials

公司长期专注于高纯雾化球形镁粉及镁合金粉体的全方位业务，从精心研发到高效生产，再到广泛销售，其产品凭借卓越品质，深度融入能源、生物医疗、焊接、3D 打印、航空航天等高端制造的关键领域，销售网络更是覆盖欧美、日韩等 37 个国家和地区，产品质量在国内外市场上广受赞誉。

Specializing in the full-cycle development, production, and distribution of high-purity atomized spherical magnesium and magnesium alloy powders, our products are renowned for their exceptional quality and precision. They serve critical roles in energy, biomedical engineering, welding, 3D printing, and aerospace manufacturing, with a global distribution network spanning 37 countries and regions, including the EU, U.S., Japan, and South Korea.

发展历程 MILESTONES

2000

唐山威豪镁粉有限公司成立

2002

成功攻克高纯雾化球形镁粉工业化量产技术难题

2000

Founding Era

2002

Technological Breakthrough— industrialized production of high-purity atomized spherical magnesium powder

2011

获专利“纳米晶高纯球形镁合金粉末生产方法及装置”

2011

We were granted a patent of Method and Device for Producing Nano-Crystalline High-Purity Spherical Magnesium Alloy Powder

2021

获专利“一种微米球形铝锂二元合金粉及其制备方法和系统”

2022

获专利“提高增材选区熔化增材制造镁 / 镁合金零件致密度的方法”

2021

We were granted a patent of Micron-Sized Spherical Al-Li Binary Alloy Powder and Its Preparation Method and System.

2022

We were granted a patent of Method for Improving Density of Magnesium/Magnesium Alloy Parts Fabricated by Laser Selective Melting Additive Manufacturing.



2005

被发改委批准为“国家新材料高技术产业化示范工程”专项

2008

雾化球形镁粉被授予“国家重点新产品”称号

2005

The project was approved by the Provincial DNRC as a special project of the " National New Material High-tech Industrialization Demonstration Project"

2008

The atomized spherical Mg powder was awarded the title of "National Key New Product"

2017

经河北省工信厅认定为“河北省A级工业企业研发机构”

2018

获“中国增材制造创新创业大赛三等奖”
“全国高端材料与先进制造创新创业大赛二等奖”

2019

获“中国先进技术转化应用大赛优胜奖”

2017

We were recognized as a "Grade A R & D Institution of Industrial Enterprises in Hebei Province"

2018

We won Third Prize in the China Additive Manufacturing Innovation and Entrepreneurship Competition.

2019

We won Second Prize in the National High - end Materials and Advanced Manufacturing Innovation and Entrepreneurship Competition.

未来展望

唐山威豪锚定“创新引领”发展路径，持续加大研发投入力度，致力于成为具有国际竞争力的金属粉体材料解决方案供应商。未来，公司将持续助力中国制造向高端化、智能化、绿色化转型升级，努力成为国内高端金属粉体材料工业化制造的示范企业，为行业发展提供创新动力。

Future Vision

Firmly anchored in an "Innovation-Driven" development strategy, Tangshan Weihao Magnesium Powder Co., Ltd. continues to intensify R&D investments, dedicated to becoming a globally competitive provider of metal powder solutions. Moving forward, the company will actively drive the high-end, intelligent, and green transformation of Chinese manufacturing, striving to establish itself as a benchmark enterprise in the industrial production of high-end metal powders, while injecting innovation-driven impetus into the advancement of the industry.

企业文化 CORPORATE CULTURE

立业之本
FOUNDATION IS BUILT

真诚
SINCERITY

团结
UNITY

进取
PROGRESSIVENESS

创新
INNOVATION

企业理念
Corporate
Philosophy

引领镁行业创新未来
Leading the Future
of Magnesium
Innovation

作为雾化镁粉和先进镁材
料行业的积极参与者，
我们致力于：

透明与诚信——供应高质量产品与服务
协作与伙伴关系——深化协作关系 推动行业进步
可持续发展与进步——推进环保技术升级与创新应用
创新驱动发展——投资创新研究 助力行业升级

Devote to

Transparency & Integrity——Delivering premium-quality products and services with full traceability.

Collaboration & Partnership——Cultivating strategic partnerships with global leaders to drive collective advancement across the value chain.

Sustainability & Progress——Implementing eco-technological innovations and application.

Innovation-Driven Growth——Pioneering next-generation magnesium solutions through dedicated R&D investment.

核心价值观
Core Values

以长远稳定发展为宗旨，
以客户为中心，以奋斗者为本，
长期坚持艰苦奋斗和自我批判，
坚持团队合作！

Long-Term Sustainable Development,
Customer-Centric Commitment,
Empowerment of Strivers,
Relentless Perseverance, Self-
reflection, and Improvement,
Collaborative Excellence!

我们的目标
Our Goal

我们的目标是成为高性能镁
材料的优秀方案提供者，推
动可持续发展和技术突破。
To emerge as the premier
solutions provider for high-
performance magnesium
materials, spearheading
sustainable development and
technological breakthroughs

企业文化——我们如何工作和成长 Corporate Culture – How We Work & Grow

我们培养创新、协作和可持续发展的文化，通过以下方式确保长期成功：

- * 深化全球合作伙伴关系——加强跨行业合作推进镁技术。
- * 将可持续发展放在首位——减少环境影响并提高资源效率。
- * 树立终身学习目标——鼓励技能发展 培养前瞻性的领导力。
- * 诚信与责任——保持透明度和承担社会责任。
- * 长期愿景——建立持久的关系并推动行业进步。

通过整合我们的理念、价值观和文化，我们致力塑造轻量级和高性能工程的未来。

We cultivate a culture of innovation, collaboration, and sustainability, ensuring long-term success through:

- * Global Partnership Synergy- Strengthening cross-industry alliances to advance magnesium technology.
- * Sustainability Leadership- Reducing environmental impact and improving material utilization efficiency.
- * Lifelong Learning Ecosystem- Encouraging staff to learn skills and fostering farseeing leadership.
- * Integrity & Accountability- Maintaining transparency and shouldering the responsibility of society.
- * Long-term Vision- Building legacy partnerships and driving the progress of magnesium materials industry.

By integrating our philosophy, values, and culture, we are dedicated to shaping the future of lightweight and high-performance engineering.



荣誉与资质

ACCOLADES & CERTIFICATIONS

公司凭借卓越的技术实力与过硬的产品品质，收获了众多国家工信部、科技部等部委及省级荣誉：

- 1、雾化球形镁粉项目曾于 2005 年被发改委批准为“国家新材料高技术产业化示范工程”专项，彰显公司在新材料产业化方面的示范作用。
- 2、雾化球形镁粉曾于 2008 年由科技部、环保部、商务部、质量监督检验检疫总局授予《国家重点新产品》称号（项目编号：2008GRA20018），体现产品在技术创新和市场应用方面的突出价值。
- 3、河北省安全生产先进单位。
- 4、2017 年经河北省工信厅认定为“河北省 A 级工业企业研发机构”。
- 5、2018 年 7 月中国增材制造创新创业大赛三等奖。
- 6、2018 年 11 月全国高端材料与先进制造创新创业大赛二等奖。
- 7、2019 年中国先进技术转化应用大赛优胜奖。
- 8、2022 年获颁国家工业和信息化部认定的专精特新“小巨人”企业（第四批）。

Owing to the outstanding technical strength and excellent product quality, the company has won numerous honors from ministries and commissions such as the Ministry of Industry and Information Technology and the Ministry of Science and Technology, as well as provincial-level honors:

- 1. In 2005, the atomized spherical magnesium powder project was approved by the Provincial Development and Reform Commission as a special project of the "National New Material High-tech Industrialization Demonstration Project", demonstrating the company's exemplary role in the industrialization of new materials.
- 2. In 2008, the atomized spherical magnesium powder was awarded the title of "National Key New Product" (Item No. 2008GRA20018) by the MOST, MEE, MOFCOM and AQSIQ, reflecting the outstanding value of the product in technological innovation and market application.
- 3. Advanced Unit in Work Safety in Hebei Province.
- 4. In 2017, it was recognized as a "Grade A R & D Institution of Industrial Enterprises in Hebei Province" by the Hebei Provincial Department of Industry and Information Technology.
- 5. Third Prize in the China Additive Manufacturing Innovation and Entrepreneurship Competition in July 2018.
- 6. Second Prize in the National High - end Materials and Advanced Manufacturing Innovation and Entrepreneurship Competition in November 2018.
- 7. Award of Excellence in the China Advanced Technology Transformation and Application Competition in 2019.
- 8. In 2022, it was recognized as a specialized, sophisticated, and new "Little Giant" enterprise (the fourth batch) by the Ministry of Industry and Information Technology.

质量体系认证

Quality System Certification



专利证书

Patent Certificate



标准文件

Standard Document



荣誉证书

Certificate of Honor





流动性好 Excellent Flowability	重现性高 Superior Reproducibility	颗粒形状规则 Uniform Particle Morphology	球形率高 High Sphericity Rate	松装密度大 High Apparent Density	活性镁含量高 High Active Magnesium Content	吸湿率低 Low Hygroscopicity	安定性好 Enhanced Chemical Stability
-------------------------------	----------------------------------	---------------------------------------	------------------------------	--------------------------------	---	----------------------------	-------------------------------------

应用领域

Application Fields

多元合金 粉末共渗 Multi-Component Alloy powder Cementation	镁基储氢合金 Magnesium-Based Hydrogen Storage Alloys	高纯金属还原剂 High-Purity Metal Reductants	高端焊接材料 High-end welding materials	聚烯烃催化剂 Polyolefin Catalysts	格式试剂 Grignard Reagents	生物医疗 Biomedical Applications	粉末冶金 Powder Metallurgy	3D 打印 3D Printing	烟花 Fireworks
--	---	---	--------------------------------------	--------------------------------	---------------------------	---------------------------------	---------------------------	----------------------	-----------------

产品规格

Product Specification

我们的产品粒度分布范围在 30-500 目 (30μm—500μm) 之间，客户可根据自身使用领域的特点和要求选择不同粒度范围的产品。

Our product particle size distribution ranges from 30-500 mesh (30μm—500μm). Customers can select products with different particle size ranges based on the characteristics and requirements of their specific applications.

产品基本信息

Product Information

产品名称 Product Name	雾化球形镁粉 Atomized Spherical Magnesium Powder
制造方式 Manufacturing Method	离心雾化 Centrifugal Atomization
物理状态 Physical State	银灰色球形粉末 Silver-Gray Spherical Powder
粒度分布 Particle Size Distribution	30-500Mesh (30μm-500μm)
纯度 Purity	99.9% Min
包装 Package	0.5-5kg/ 包 或 50-200kg/ 桶 0.5-5 kg/bag or 50-200 kg/drum

性能参数（50-100 目为例）

Performance Parameters(50-100Mesh as an Example)

性能 Performance		产品 Product	雾化球形镁粉 Atomized Spherical Magnesium Powder
颗粒形状 /Partical Shape		球形颗粒 Spherical Particle	
球形率 /Proportion of Sphere		≥ 95%	
松装密度 /Apparent Density		≥ 0.95g/cm ³	
真密度 /Real Density		1.73g/cm ³	
流动性 /Flowability		78.6s/50g	
吸湿率 /Hygroscopicity		0.01%	
活性镁含量 /Active Mg Content		≥ 99.0%	
质量热值 /Calorific Value		26.09kJ/g	
热值密度 Calorific Denesity		45.39kJ/cm ³	
杂质含量 Impurity Content	水分含量 /Moisture	≤ 0.05%	
	HCl 不溶物 /Insoluble Material in HCl	≤ 0.13%	
	油脂含量 /Oil &Grease	0	
	Fe	≤ 0.01%	
	Mn	≤ 0.008%	
	Zn	≤ 0.008%	
		Cl	≤ 0.003%

雾化球形铝镁合金粉

Atomized Spherical Al-Mg Alloy Powder



良好的流动性
Excellent Flowability

高纯度和均匀性
High Purity & Uniformity

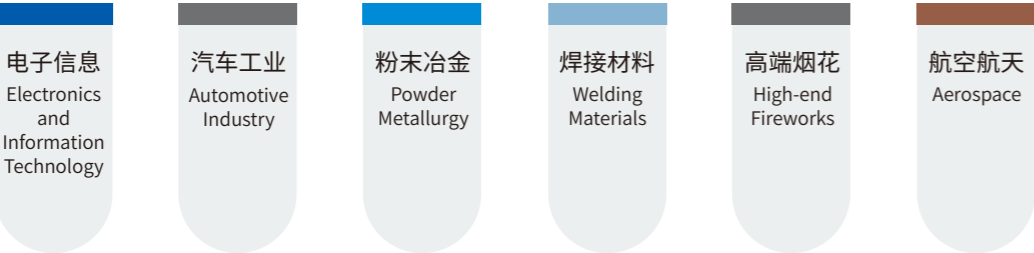
粒度细
Fine Particle Size

安定性好
Good Stability

松装密度大
High Apparent Density

应用领域

Application Fields



产品规格

Product Specification

我们的产品粒度分布范围在 80-325 目 (45μm—180μm) 之间，客户可根据自己使用领域的特点和要求选择不同粒度范围的产品。

Our product particle size distribution ranges from 80-325 mesh (45μm—180μm). Customers can select products with different particle size ranges based on the characteristics and requirements of their specific applications.

可供化学成分配比 (wt%)

Ratio available (wt%)

Al:Mg=50:50	Al:Mg=60:40	Al:Mg=30:70	Al:Mg=40:60
Al:Mg=45:55	Al:Mg=95:5	Al:Mg=80:20	Al:Mg=90:10
Al:Mg=15:85	Al:Mg=70:30	Al:Mg=20:80	Al:Mg=10:90

性能参数 (50：50 铝镁合金粉为例)

Performance Parameters(50:50 Mg-Al Alloy Powder as an Example)

性能 Performance		产品 Product	雾化球形铝镁合金粉 Atomized Spherical Al-Mg Alloy Powder
颗粒形状 /Partical Shape		球形颗粒 Spherical Particle	
球形率 /Proportion of Sphere		≥ 95%	
松装密度 /Apparent Density		≥ 1.236/cm ³	
真密度 /Real Density		2.1153/cm ³	
流动性 /Flowability		78.6s/53g	
吸湿率 /Hygroscopicity		0.01%	
活性 Mg+Al 含量 /Active Mg+Al Content		99.25%	
热值 /Calorific Value		23.26kJ/g	
杂质含量 Impurity Content	水分含量 /Moisture	≤ 0.05%	
	HCl 不溶物 /Insoluble Material in HCl	≤ 0.13%	
	油脂含量 /Oil &Grease	0	
	Fe	≤ 0.05%	
	Mn	≤ 0.01%	
	Zn	≤ 0.01%	
		Cl	≤ 0.003%



雾化球形镁合金粉
Atomized Spherical Magnesium Alloy Powder

晶粒细小均匀
Fine and Uniformity Grain Structure

成分均匀性高
High Compositional Uniformity

相容性优异
Excellent Compatibility

流动性良好
Excellent Flowability

松装密度大
High Apparent Density

应用领域
Application Fields

含镁可降解骨修复材料
Magnesium-Containing Biodegradable Bone Repair Materials

增材制造
Additive Manufacturing Processes

粉末冶金
Powder Metallurgy Processes

智能机器人
Intelligent Robots

电子封装
Electronic Packaging

航空航天
Aerospace

3C 产品
3C Product

汽车
Automotive

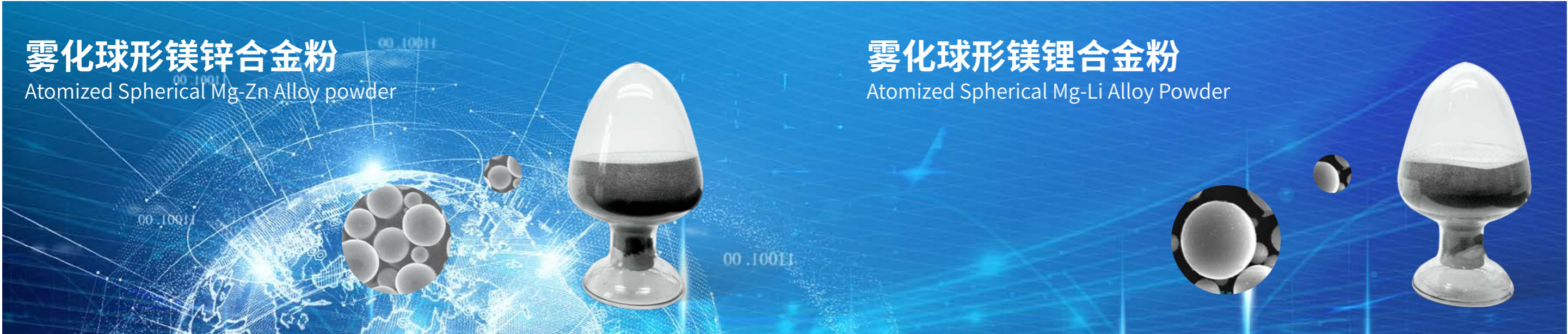
无人机
Drones

产品规格
Product Specification



雾化球形镁合金粉产品及化学成分组成
Atomized Spherical Magnesium Alloy Powder Product & Chemical Composition

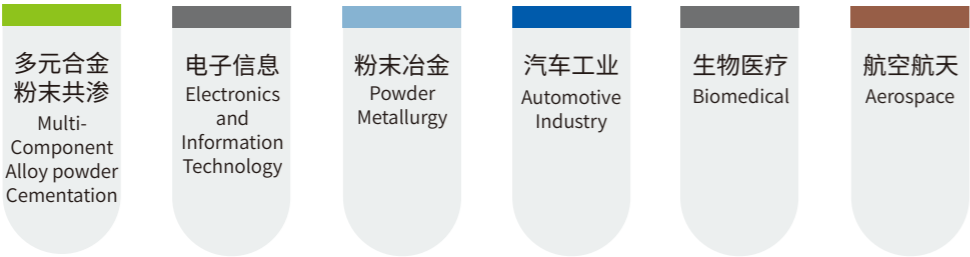
金属成分 Ingredients	质量分数 wt/% Mass Fraction wt/%												
	Mg	Al	Cu	Fe	wMn	Ni	Si	Zn	Be	Zr	Y	Re	Gd
产品名称 Product Name													
稀土镁合金粉 WE43	余量 Allowance	-	0.00370	0.00713	-	0.00432	0.00400	-	-	0.51	4.01	3.04	-
镁合金粉 AZ91D	90.43	8.90	0.0006	0.0112	0.19	0.0030	0.0030	0.4278	0.00098	-	-	-	-
镁合金粉 AZ31	余量 Allowance	3.65	0.0025	0.017	0.084	0.0010	0.0010	1.16	-	-	-	-	-
镁合金粉 ZK61	94.46	0.0006	0.0010	0.0035	0.0055	0.0030	0.0007	5.1953	-	0.33	-	-	-
镁合金粉 ZK60	94.29	0.0327	0.0006	0.004	0.0139	0.0046	0.0112	5.587	-	0.056	-	-	-
镁合金粉 VW63K	余量 Allowance	-	≤ 0.10	-	-	≤ 0.01	-	-	-	0.3~1.0	2.5~3.7	-	5.0~6.4
镁合金粉 GZ151K	余量 Allowance	-	-	-	-	-	-	1	-	0.4	-	-	15



高纯度和均匀性 High Purity and Uniformity	良好的流动性 Excellent Flowability	可选粒度范围多样 Diverse Selectable Particle Size Ranges	可选配比种类丰富 Customizable Composition Ratios	高球形率 High Sphericity Rate	高比强度和比刚度 High Specific Strength and Specific Stiffness	高纯度 High Purity	低密度、轻量化 Low Density Lightweight	良好的燃烧性能 Good Combustion Performance	细晶粒 Fine Grains
---------------------------------------	---------------------------------	---	---	------------------------------	---	--------------------	------------------------------------	--	--------------------

应用领域

Application Fields



可供化学成分配比 (wt%)

Ratio Available (wt%)

产 品 Product	镁锌比例 Ratio Mg:Zn	真密度 Real Density (g/cm ³)	热值 Calorific Value (J/g)
镁锌合金粉 Atomized Spherical Mg-Zn Alloy Powder	70:30	2.26	18110
	30:70	3.47	11180
	50:50	2.83	15050
	20:80	4.23	9240
	10:90	5.25	7300
	90:10	1.92	24110
	95:5	1.82	24136

产品规格

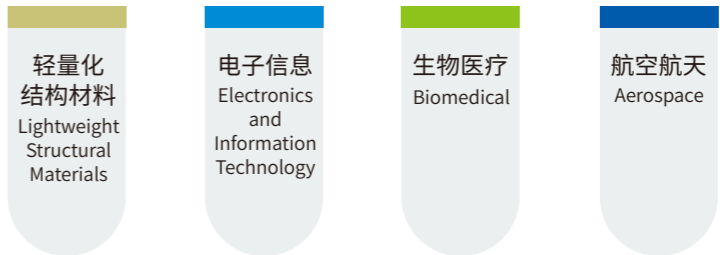
Product Specification

我们的产品粒度分布范围在 50-325 目 (45μm—300μm) 之间，客户可根据自己使用领域的特点和要求选择不同粒度范围的产品。

Our product particle size distribution ranges from 50-325 mesh (45μm—300μm). Customers can select products with different particle size ranges based on the characteristics and requirements of their specific applications.

应用领域

Application Fields



可供化学成分配比 (wt%)

Ratio Available (wt%)

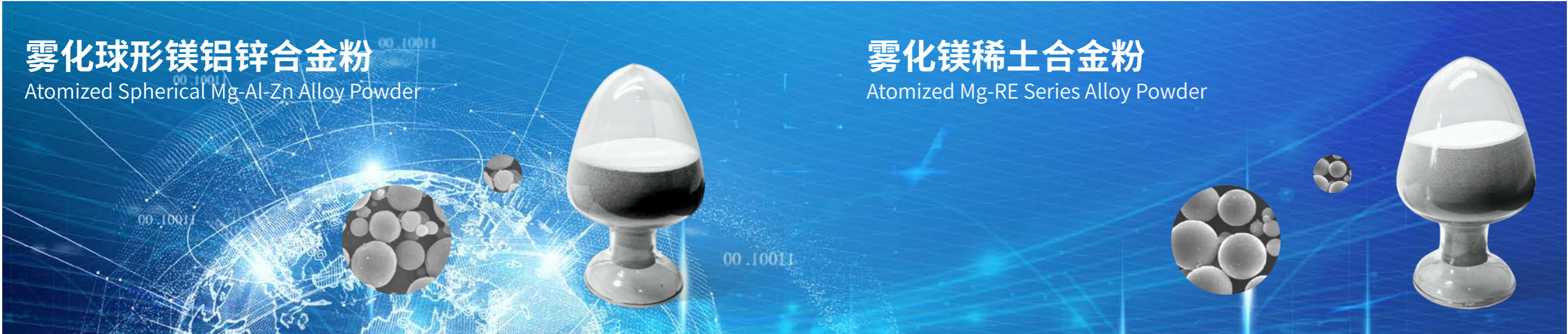
Mg:Li=80:20	Mg:Li=90:10	Mg:Li=95:5	Mg:Li=97:3
-------------	-------------	------------	------------

产品规格

Product Specification

我们的雾化球形镁锂合金粉粒度分布范围在 100-325 目 (45μm—150μm) 之间，客户可根据自身需求选择不同粒度段的产品，我公司也可以提供定制服务。

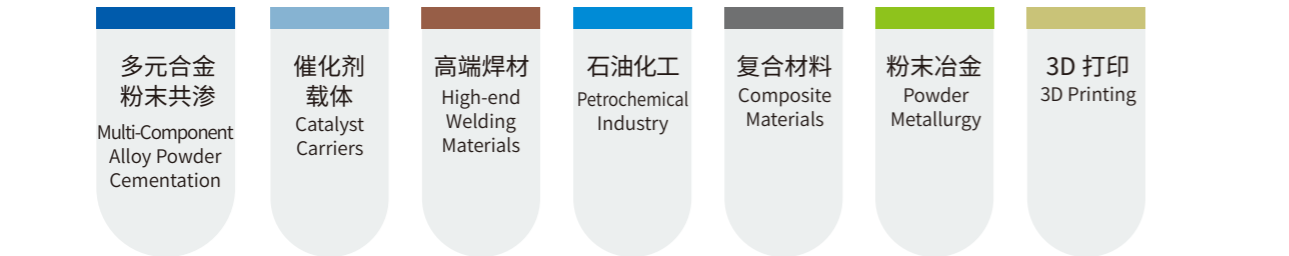
Our product particle size distribution ranges from 100-325 mesh(45μm-150μm). Customers can select products with different particle size ranges based on the characteristics and requirements of their specific applications.



成分可控 Controllable Composition	高纯度 High Purity	球形度好 Good Sphericity	粒度均匀 Uniform Particle Size	流动性好 Good Flowability	耐腐蚀性强 Strong Corrosion Resistance	流动性好 Good Flowability	高纯度、稳定性 High Purity and Stability	球形度好 Good Sphericity	粒度均匀 Uniform Particle Size	高强度、轻量化 High Strength and Lightweight	空心粉率低 Low Rate of Hollow Powder
-------------------------------------	-----------------------	----------------------------	----------------------------------	-----------------------------	---	-----------------------------	---	----------------------------	----------------------------------	---	---------------------------------------

应用领域

Application Fields



可供化学成分配比 (wt%)

Ratio Available (wt%)

Mg:Al:Zn=5:90:5	Mg:Al:Zn=10:85:5	Mg:Al:Zn=5:85:10	Mg:Al:Zn=10:80:10
Mg:Al:Zn=20:70:10	Mg:Al:Zn=30:60:10	Mg:Al:Zn=60:20:20	Mg:Al:Zn=70:15:15

产品规格

Product Specification

我们的雾化球形镁铝锌合金粉粒度分布范围在 100-325 目 (45μm—150μm) 之间，客户可根据自己使用领域的特点和要求选择不同粒度范围的产品，我公司也可以按照客户技术要求提供定制服务。

Our product particle size distribution ranges from 100-325 mesh(45μm-150μm). Customers can select products with different particle size ranges based on the characteristics and requirements of their specific applications. Additionally, we support customized production to meet specific client requirements.

应用领域

Application Fields



可供化学成分配比 (wt%)

Ratio Available (wt%)

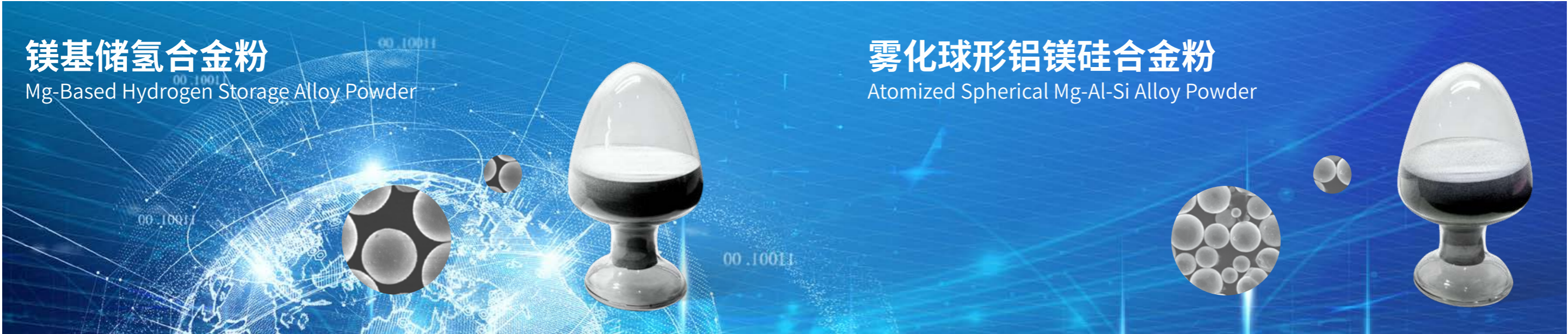
Mg:Gd=90:10	Mg:Gd=85:15	Mg:Gd=80:20	Mg: Nd=90:10
Mg:Y=90:10	Mg:Y=80:20	Mg:Y=70:30	

产品规格

Product Specification

我们的产品粒度分布范围在 100-300 目 (50μm-150μm) 之间，客户可根据自己使用领域的特点和要求选择不同粒度范围的产品；我公司也可以按照客户技术要求提供定制粉体服务。

Our product particle size distribution ranges from 100-300 mesh(50μm-150μm), Customers can select products with different particle size ranges based on the characteristics and requirements of their specific applications. Additionally, we support customized production to meet specific client requirements.



镁基储氢合金粉

Mg-Based Hydrogen Storage Alloy Powder

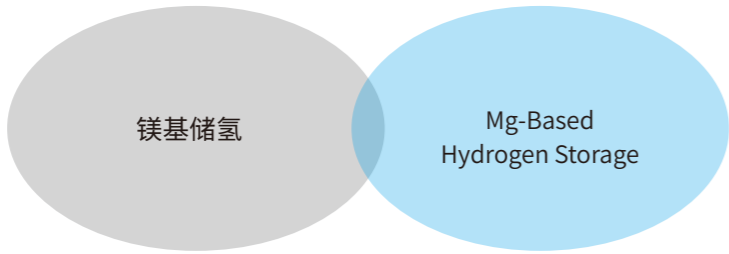
雾化球形铝镁硅合金粉

Atomized Spherical Mg-Al-Si Alloy Powder

表面活性好 吸氢能力高 Good Surface Activity and High Hydrogen Absorption Capacity	纯度高，杂质少 High Purity and Low Impurity Content	高储氢容量 High Hydrogen Storage Capacity	粒度均匀 Uniform Particle Size	高球形率 High Sphericity Rate	松装密度大，流动性好 High Apparent Densityand Good Flowability	耐腐蚀性、抗氧化性 Corrosion Resistance and Oxidation Resistance	高纯度 High Purity	球形度好 Good Sphericity	粒度均匀 Uniform Particle Size	高强度、高硬度 High Strength and High Hardness	高热值 High Calorific Value
---	--	--	----------------------------------	---------------------------------	--	---	-----------------------	----------------------------	----------------------------------	---	--------------------------------

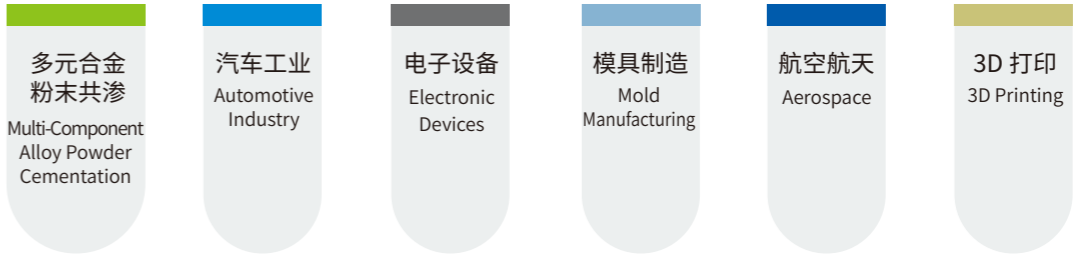
应用领域

Application Fields



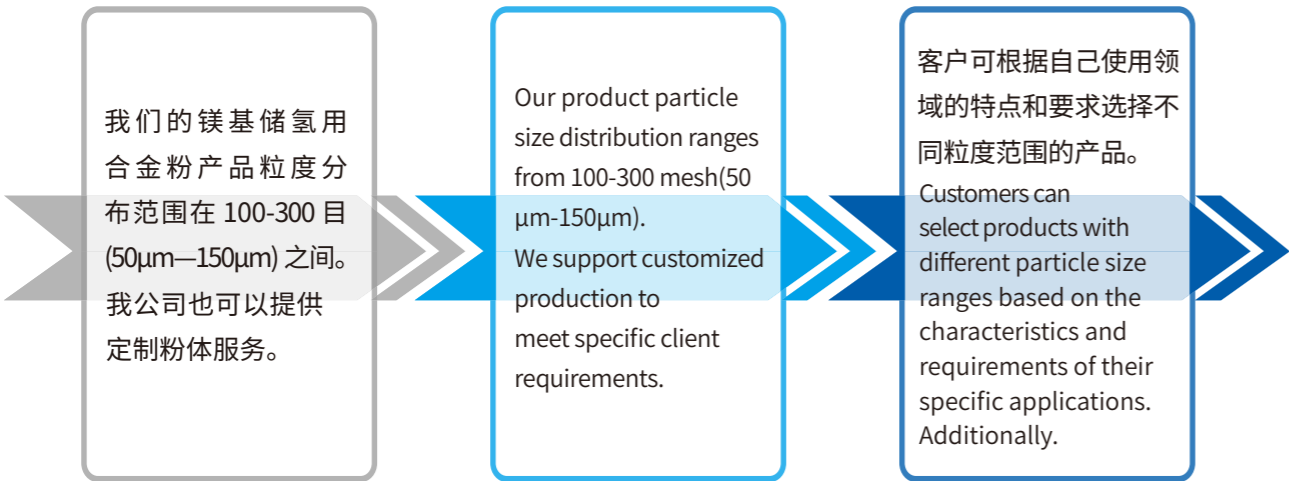
应用领域

Application Fields



产品规格

Product Specification



可供化学成分配比 (wt%)

Ratio Available (wt%)

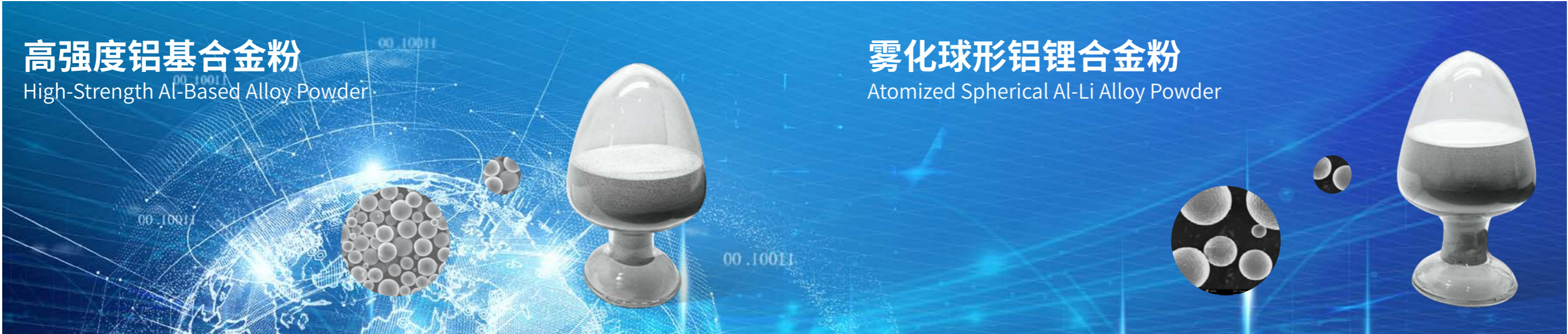
Al:Mg:Si=92.5:5:2.5	Al:Mg:Si=84.5:10:5.5	Al:Mg:Si=69:20:11
Al:Mg:Si=64:25:11	Al:Mg:Si=59:30:11	

产品规格

Product Specification

我们的雾化球形铝镁硅合金粉粒度分布范围在 100-325 目 (45µm—150µm) 之间，客户可根据自己使用领域的特点和要求选择不同粒度范围的产品，我公司也可以按照客户技术要求提供定制粉体服务。

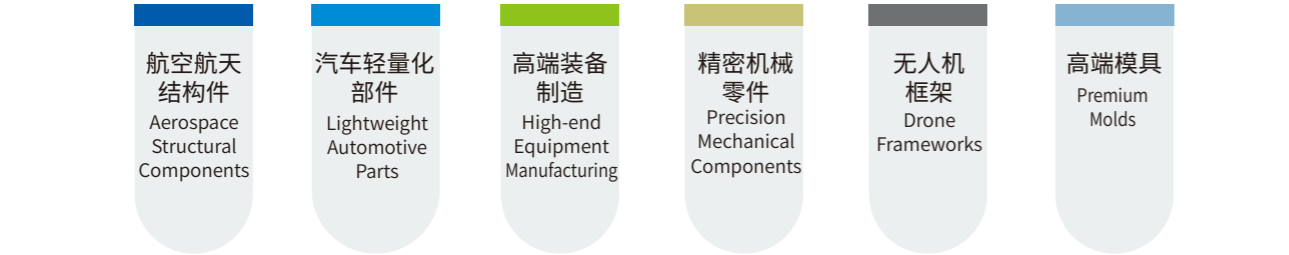
Our product particle size distribution ranges from 100-325 mesh(45µm-150µm). Customers can select products with different particle size ranges based on the characteristics and requirements of their specific applications. Additionally, we support customized production to meet specific client requirements.



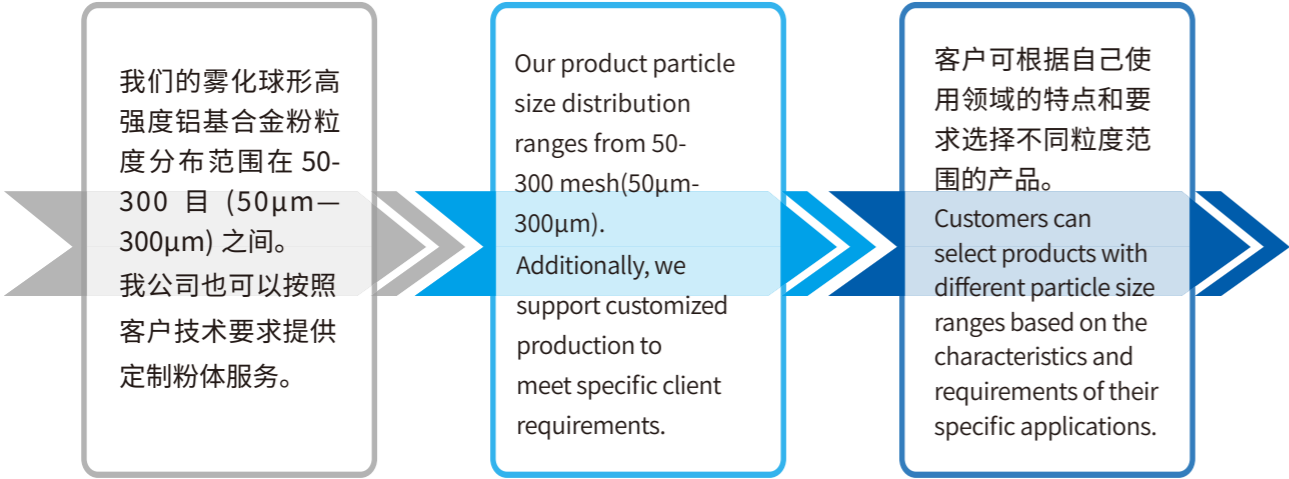
流动性好 Good Flowability	氧含量低 Low Oxygen Content	球形度好 Good Sphericity	粒度均匀 Uniform Particle Size	高强度、高硬度 High Strength and High Hardness	空心粉率低 Low Proportion of Hollow Powder	轻量化与高强度 Lightweight and High Strength	高热值 High Calorific Value	高导热性 High Thermal Conductivity	高纯度 High Purity	球形度高 High Sphericity	高比冲 High Specific Impulse
--------------------------	----------------------------	-------------------------	-------------------------------	--	--	--	-----------------------------	-----------------------------------	--------------------	-------------------------	------------------------------

应用领域
Application Fields

应用领域
Application Fields



产品规格
Product Specification

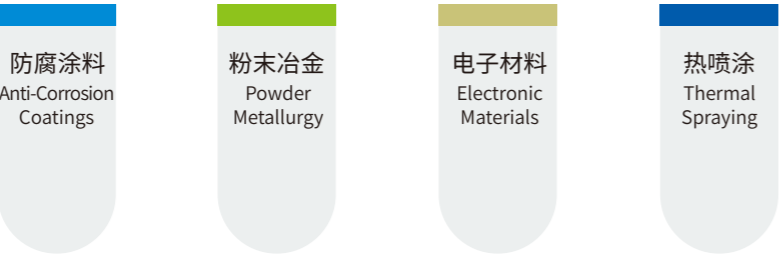




良好的防腐性能 Good Anti-Corrosion Performance	环保性能优良 Excellent Environmental Protection Performance	抗氧化性好 Good Oxidation Resistance	松装密度大 High Apparent Density	流动性好 Good Flowability	优异的导电性和导热性 Excellent Electrical and Thermal Conductivity	球形度好 Good Sphericity	安全性高 High Safety	流动性好 Good Flowability	导热性好 Good Thermal Conductivity	耐高温 Resistance to High Temperature	松装密度大 High Apparent Density
--	--	------------------------------------	--------------------------------	--------------------------	---	-------------------------	---------------------	--------------------------	-----------------------------------	---------------------------------------	--------------------------------

应用领域

Application Fields



可供化学成分配比 (wt%)

Ratio available (wt%)

Al:Zn=80:20	Al:Zn=90:10	Al:Zn=95:5
-------------	-------------	------------

产品规格

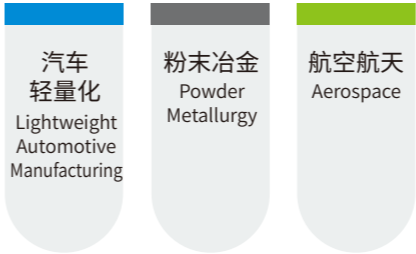
Product Specification

我们的产品粒度分布范围在 50-325 目（45μm—300μm）之间，客户可根据自己使用领域的特点和要求选择不同粒度范围的产品，我们也可以提供定制粉体服务。

Our product particle size distribution ranges from 50-325 mesh(45μm-300μm), Customers can select products with different particle size ranges based on the characteristics and requirements of their specific applications. Additionally, we support customized production to meet specific client requirements.

应用领域

Application Fields



可供化学成分配比 (wt%)

Ratio available (wt%)

Al:Si=80:20	Al:Si= 88:12	Al:Si= 50:50	Al:Si= 70:30
-------------	--------------	--------------	--------------

定制化服务

Customized Service

唐山威豪镁粉有限公司采用先进的离心雾化生产工艺能够生产多种镁基、铝基合金粉末，如 Mg-Ca 合金粉、Mg-Mn 合金粉、Mg-Zn-Ca 合金粉、Mg-Si 合金粉、Mg-Zr 合金粉、Mg-Al-Si-Mn 合金粉、Mg-Cu 合金粉等，欢迎各位客户咨询订购。

Tangshan Weihao Magnesium Powder Co., Ltd. adopts the advanced centrifugal atomization production process and is capable of producing a variety of magnesium-based and aluminum-based alloy powders, such as Mg-Ca alloy powder, Mg-Mn alloy powder, Mg-Zn-Ca alloy powder, Mg-Si alloy powder, Mg-Zr alloy powder, Mg-Al-Si-Mn alloy powder, Mg-Cu alloy powder, etc. We welcome all customers to consult and place orders.

应用领域
APPLICATION FIELDS



增材制造
Additive Manufacturing

生物医疗
Biomedical

镁基储氢
Mg-Based Hydrogen Storage

粉末冶金
Powder Metallurgy

多元粉末合金共渗
Multi-component Alloy Powder
Cementation

防务领域
Defense Sector

消防触发剂
Fire Trigger Agent

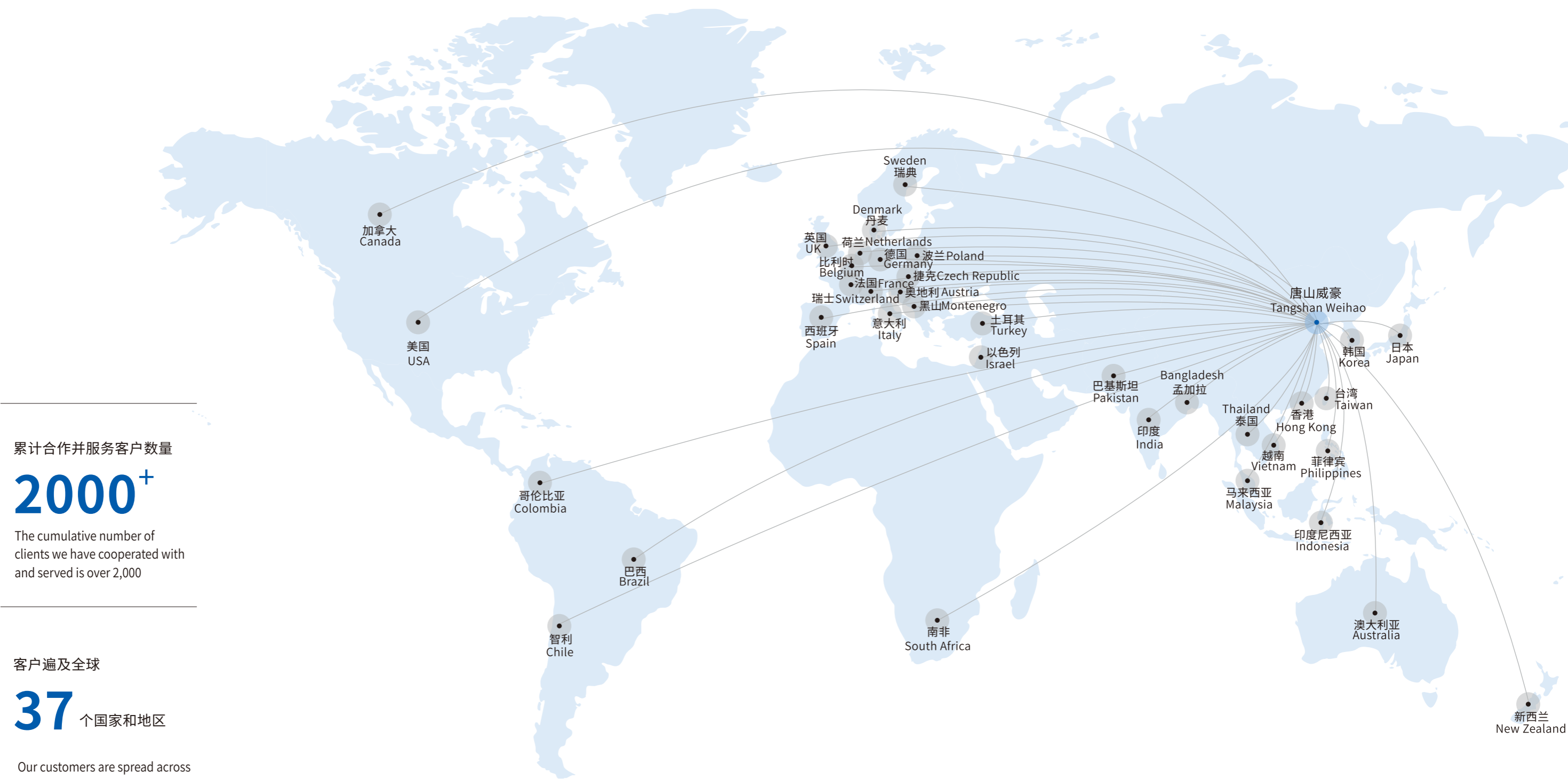
高端焊接材料
High-end Welding Materials

聚烯烃催化剂
Polyolefin Catalysts

烟火领域
High-end Fireworks

合作客户

COOPERATIVE CLIENTS



累计合作并服务客户数量

2000⁺

The cumulative number of clients we have cooperated with and served is over 2,000

客户遍及全球

37 个国家和地区

Our customers are spread across 37 countries and regions around the world