



Keep walking on road marking

迪兰科技有限公司

Dylan Technology Co.,Ltd



 COOPERATION WIN-WIN CREATIVITY AND DEVELOPMENT

LangFang Dylan Technology Co., Ltd. is a supplier of various raw materials for the road safety industry. We have four production bases, they are located in: Liaoning Province, Shanxi Province, Hebei Province and Henan Province to serve our customers more conveniently. With over 15 glass bead production lines, the company achieves an impressive annual output of 100,000 tons.

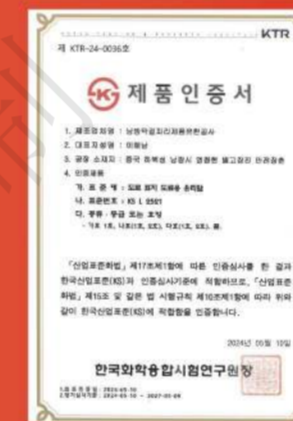
After four years of research and development, Dylan Tech has successfully launched the world's first and latest patented technology glass beads production equipment to make our products more competitive in the market, and the world's first waste heat recovery system has been recognized as scientific and technological achievements by China Energy Conservation Association.



Our laboratory is well equipped with specialized testing equipment, such as CAMSIZER, X-2600, etc., to ensure the high quality level of our products. In addition, Dylan Tech is a provincial-level high-tech and specialized enterprise, and has obtained ISO9001, CE, JIS, KIS and other certifications.

Adhering to the enterprise goals of "Keep walking on road marking", Since the establishment of the company, Dylan Tech has been recognized by customers in more than 50 countries worldwide for its reliable quality and perfect after-sales service, and its products have been exported to the United States, Europe, Brazil, Canada, Australia, New Zealand and most of the countries in Southeast Asia. Our partners are not only global companies such as ENNIS, Geveko, Swarco, but also many constructors and road safety manufacturers.

Qualification / Certificate





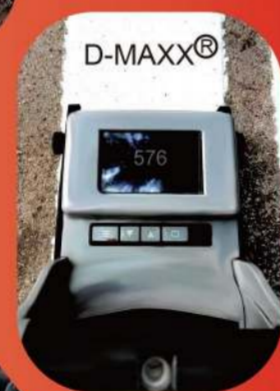
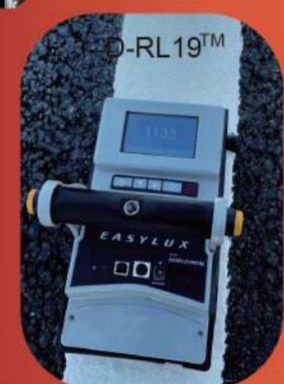
innovate enterprising effort Persistence

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Road

construction



01

NEW ITEM



Technical Properties

Refractive Index	≥1.52
Retroreflectivity	≥500 mcd/ m ² /lx
Size Range	53-1700 Microns
Roundness	≥85%
Specific Gravity	2.2-2.6g/cm ³
Surface treatment	Uncoated, Silicone coated (Waterproof) , Silane coated (Adhesion), Dual coated.
Packing	Plastic woven bag 25kg Paper bag 25kg Big bag 500kg and 1000kg

D-STAR™ Glass beads are made from virgin glass materials developed by Dylan Tech. With a refractive index exceeding 1.52, these new beads offer superior retro-reflectivity. Compared to standard options, our highly reflective D-STAR™ marking systems significantly improve nighttime visibility, especially in wet conditions. This enhanced performance results from two key factors: the use of high-refractive-index materials that deliver strong light reflection, and the innovative micro-prismatic structure of the beads—engineered to stay in direct contact with vehicle headlights and reflect light even through a thin layer of water. Ideal for marking systems that require reliable performance under extreme weather conditions.

PRODUCT INFORMATION

Refractive Index Class A acc. to EN 1423

Bulk Weight 1,6 g/cm³

Hazardous Substances As, Pb,

Sb – Class 1 (< 200 ppm)

Packaging Paper bags of 25 kg net or Big Bags

Storage Dry and sheltered; Can be stored for

24 months in the original container

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Intermix Glass Beads•D-Mixx™



Technical Properties

Refractive Index	≥1.52
Retroreflectivity	≥300 mcd/ m ² /lx
Size Range	53-1700 Microns
Roundness	≥80%
Specific Gravity	2.4-2.6g/cm ³
Surface treatment	Uncoated, Silicone coated (Waterproof) , Silane coated (Adhesion), Dual coated.
Packing	Plastic woven bag 25kg Paper bag 25kg Big bag 500kg and 1000kg

Intermix glass beads are usually used to blend with traffic paint. After road marking materials wears over time, Intermix glass beads are exposed to the surface to provide high retroreflective values and extend the life of road marking materials. D-Mixx™ glass beads are produced to meet all standard of different countries and areas, as well as customer's own specifications. D-Mixx™ glass beads are suitable for all types of road marking paints, such as thermoplastic paint, solvent based paint, two component paint and water based paint.

03

Drop On Glass Beads•D-Super™

Technical Properties

Refractive Index	≥1.51
Retroreflectivity	≥300 mcd/ m ² /lx
Size Range	53-1700 Microns
Roundness	≥80%
Specific Gravity	2.4-2.6g/cm ³
Surface treatment	Uncoated, Silicone coated (Waterproof) , Silane coated (Adhesion), Dual coated.
Packing	Plastic woven bag 25kg Paper bag 25kg Big bag 500kg and 1000kg

D-Super™ White glass beads are made by special glass developed by Dylan Tech, the glass contains more BA element than ordinary glass. These beads are of high Retro-reflectivity with white color. They have better performance on road markings than normal drop on beads.





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Drop On Glass Beads•D-Lux™

Technical Properties

Refractive Index	≥1.51
Retroreflectivity	≥300 mcd/ m ² /lx
Size Range	53-1700 Microns
Roundness	≥80%
Specific Gravity	2.4-2.6g/cm ³
Surface treatment	Uncoated, Silicone coated (Waterproof) , Silane coated (Adhesion), Dual coated.
Packing	Plastic woven bag 25kg Paper bag 25kg Big bag 500kg and 1000kg



Drop-on glass beads are used to be dropped on the surface of traffic paint. These beads provide initial retro reflectivity in all conventional road marking materials, It make the road marking material visible in various weather conditions. D-lux™ glass beads are made by 100% recycled glass. They are the most commonly used drop on glass beads in road marking works due to consistent quality, good reflectivity and excellent durability. D-lux™ glass beads are produced to meet various standards such as BS6088, AASHTO M247, EN1423, JIS R3301 or customer's own spec.

Drop On Glass Beads•D-maxx®

Technical Properties

Refractive Index	≥1.58
Retroreflectivity	≥500 mcd/ m ² /lx
Size Range	53-1400 Microns
Roundness	≥80%
Specific Gravity	2.7-2.9g/cm ³
Surface treatment	Uncoated, Silicone coated (Waterproof) , Silane coated (Adhesion), Dual coated.
Packing	Plastic woven bag 25kg Paper bag 25kg Big bag 500kg and 1000kg



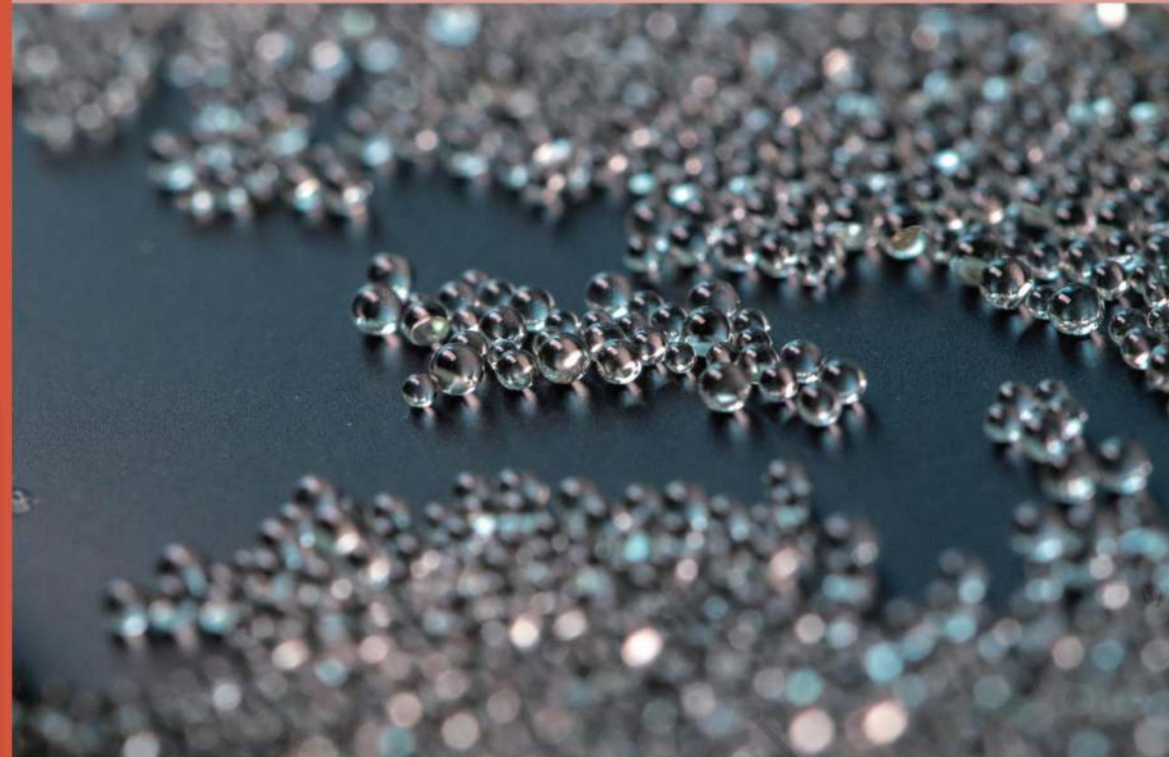
05

D-maxx® beads are made by special raw materials developed by Dylan Tech. This new item was in high reflective more than 1.58. Compare with normal Glass beads the retro-reflective can improve 200 mcd/ m²/lx. D-maxx® glass beads was used in lots of project in China, Such as G3/G18

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Drop On Glass Beads•D-PRO™

High refractive index glass beads are developed to meet the demand for high retroreflective material in road markings and traffic safety field.D-Pro™ glass beads are of more than 1.68 refractive index, achieve particularly high retroreflective values of more than 800mcd/ m² /lx.



Technical Properties

Refractive Index	≥1.68
Retroreflectivity	≥800 mcd/ m ² /lx
Size Range	53-1400 Microns
Roundness	≥80%
Specific Gravity	2.8-3.6 g/cm ³
Surface treatment	Uncoated, Silicone coated (Waterproof) , Silane coated (Adhesion), Dual coated.
Packing	Plastic woven bag 25kg Paper bag 25kg Big bag 500kg and 1000kg

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Glass Beads•D-Blast™

Glass Beads have high chemical stability and mechanical hardness. They can be blasted onto surfaces with compressed air. D-Blast™ Metal Finishing Glass Beads can be used on compressed glass, rubber, plastic and molds with metal casting or compressing. The jetting balls would help reduce elasticity of the surface materials and increase wearing capacity.glass beads are used for sand blasting.



Technical Properties

Spec	US Sieve	Inches Max	Inches Min	Microns Max	Microns Min	Min % Round
A	20-30	.0331	.0234	850	600	65
AAA	25-45	.0278	.0139	710	355	65
B	30-40	.0234	.0165	600	425	65
C	40-60	.0165	.0098	425	250	75
AA	40-70	.0165	.0083	425	212	70
D	50-70	.0117	.0083	300	212	75
AB	50-80	.0117	.0070	300	180	70
AC	60-120	.0098	.0059	250	125	80
AD	70-140	.0083	.0041	212	106	80
AE	100-170	.0059	.0035	150	90	85
AG	120-270	.0041	.0021	125	53	85

Drop On Glass Beads•D-Antiskied™



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D-Antiskied™ beads are made by special raw materials developed by Dylan Tech. D-Antiskied™, the road surface has good water-dispersion, high anti-slip performance, bright colors, and rapid construction, which can be completed overnight. High laying efficiency means low working hours.

Technical Properties

Refractive Index	≥1.58
Retroreflectivity	≥200 mcd/㎡/lx
Size Range	53-1400 Microns
Roundness	≥50%
Specific Gravity	2.7-2.9g/cm³
Surface treatment	Uncoated, Silicone coated (Waterproof) , Silane coated (Adhesion), Dual coated.
Packing	Plastic woven bag 25kg Paper bag 25kg Big bag 500kg and 1000kg

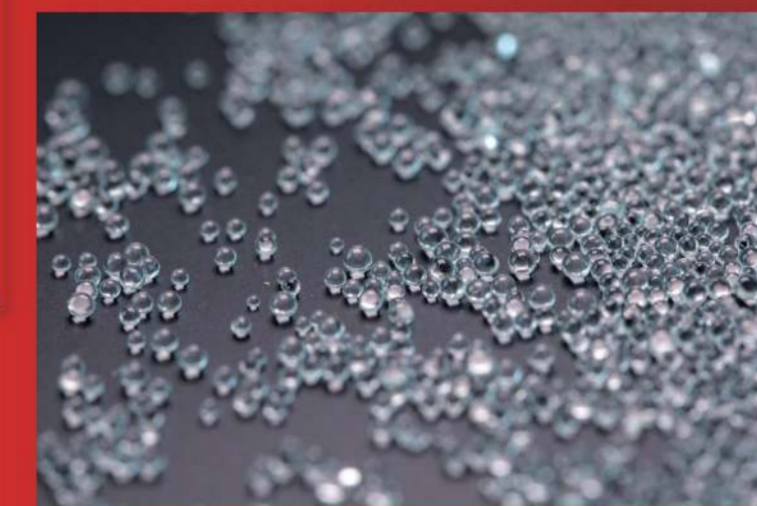
Drop On Glass Beads•D-RL19™

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Technical Properties

Density	4.2±0.2g/cm³
Mohs Hardness	5.5-6.5 Mohs
Boiling point	Upwards 1500 °C
Softening point	Upwards 800 °C
Solubility(water and fat)	No soluble in water or solvent
Chemical resistance	Acid and alkali resisting
Refractive Index	1.93
Roundness	>90%
Chemical Composition	TiO2 33-38%; BaO 50-55%;CaO 3-5%
Finished Products Impurity	0.01%

Application:
Reflective road making paint
Reflective fabric and cloth
Car plate reflective paint



D-ultra beads are made by special raw materials developed by Dylan Tech. This new item was in high reflective more than 1.52. Compare with normal Glass beads the retro-reflective can improve 200 mcd/㎡/lx. D-ultra glass beads was used in lots of project in China, Such as G3/G18

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Drop On Glass Beads•D-Ultra™

Technical Properties



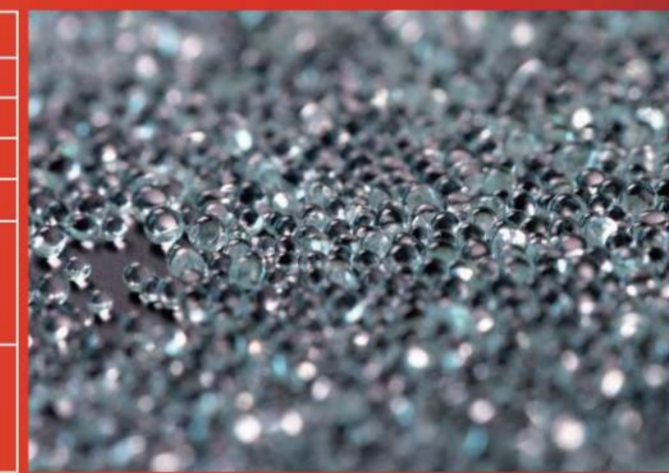
Refractive Index	≥1.52
Retroreflectivity	≥500 mcd/㎡/lx
Size Range	425-1400 Microns
Roundness	≥90%
Specific Gravity	2.5-2.7g/cm³
Surface treatment	Uncoated, Silicone coated (Waterproof) , Silane coated (Adhesion), Dual coated.
Packing	Packing Plastic woven bag 25kg Paper bag 25kg Big bag 500kg and 1000kg

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Drop On Glass Beads•D-Plus™

Technical Properties

Refractive Index	≥1.52
Retroreflectivity	≥500mcd/㎡/lx
Size Range	425-1700 Microns
Roundness	≥80%
Specific Gravity	2.4-2.6g/cm³
Surface treatment	Uncoated, Silicone coated (Waterproof) , Silane coated (Adhesion), Dual coated.
Packing	Plastic woven bag 25kg Paper bag 25kg Big bag 500kg and 1000kg

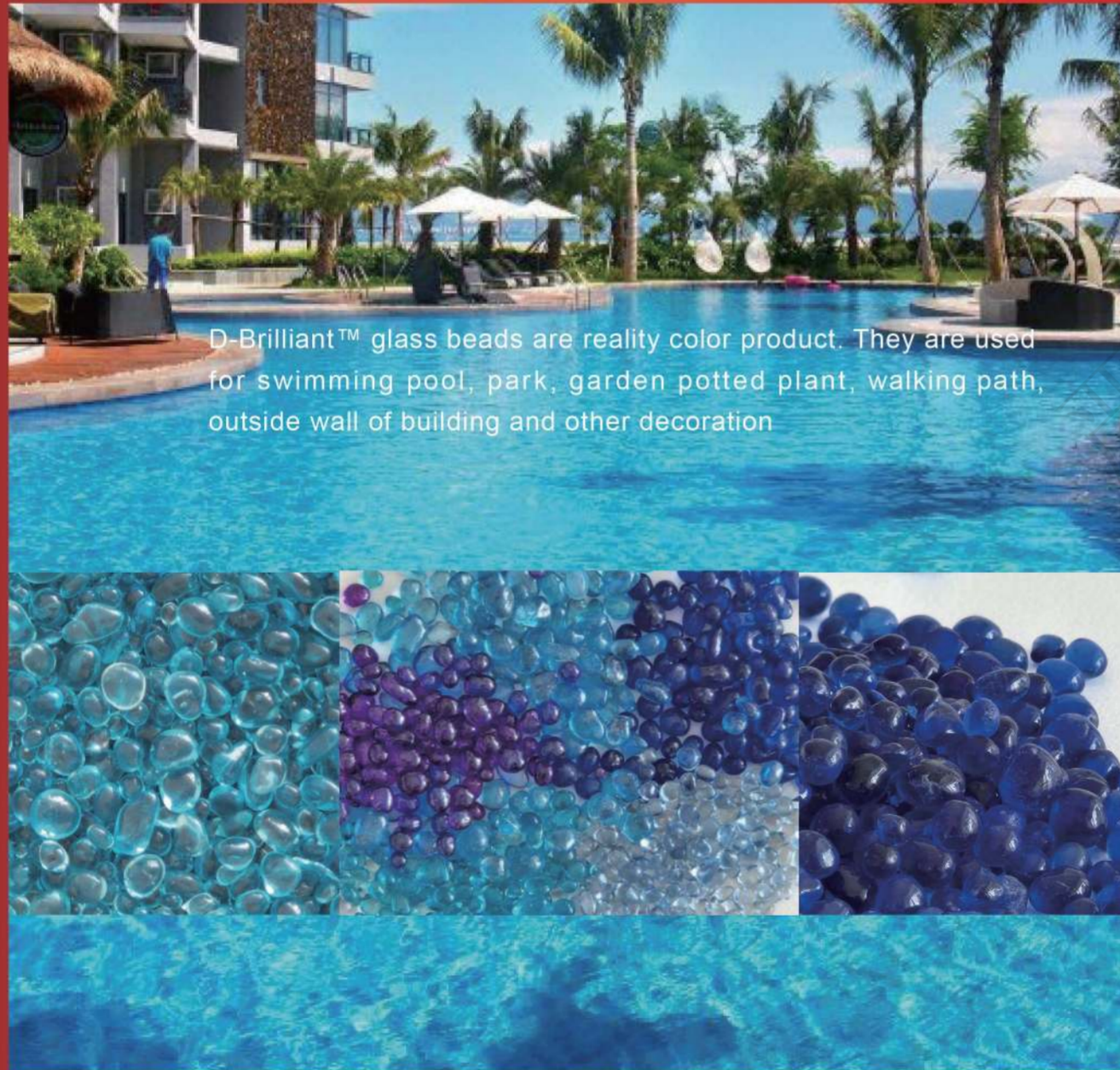


D-Plus beads are made by special raw materials developed by Dylan Tech. This new item was in high reflective more than 1.52. Compare with normal Glass beads the retro-reflective can reach 450 mcd/㎡/lx. D-Plus glass beads was used in lots of project in China



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Decorative D-Brilliant™



All Weather Elements are mainly used for wet night condition, reasonable optical design provides superior retro-reflectivity for road marking line. The element combined by a core bead with hundreds of non-transparent high refractive index small beads. Our All Weather Elements are of good compressive strength and flowability, good adhesion and long reflective distance and various reflected color

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All Weather Elements

Technical Properties

Refractive Index	≥1.71
Retroreflectivity	≥800 mcd/㎡/lx
Size Range	600-1400 Microns
Roundness	≥90%
Specific Gravity	2.5-2.7g/cm³
Surface treatment	White, Yellow
Packing	Plastic woven bag 25kg Paper bag 25kg Big bag 500kg and 1000kg



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Resin T-1200R

TX-1200R belongs to aliphatic hydrocarbon resin, made by polymerizing alkene, applied to hot melt road marking systems. The resin has the characteristics of light color, good thermal stability, excellent viscosity stability, flow consistency, strong adhesion, high hardness and durable wearability.



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Titanium THR-218

THR-218 is an alumina/zirconium modified rutile, multipurpose TiO₂ pigment produced by sulfate process. Precisely process control, good particle size and narrow size distribution offer it good whiteness, easily disperse, low OA, high tinting strength. It is widely used to coating (paint), printing ink, plastic, leather, etc.



Technical Properties

Softening Point (Ring & Ball, C)	98~106
Initial Color (Ga.#)	≤5.0
Melt Viscosity (BRF, @200 C, cp)	≤250
Insolubles (Vol %)	≤0.05

Technical Properties

Classification	ISO591-1:2000:R2 ASTMD-478-84:II (IV)
Color No	77891, white pigment 6
Cas No.	13463-67-7
Binexs No.	236-675-5
Density	4.1g/cm ³
Appearance	White powder
Packing	25kg/500kg/1000kg net weight
Performance	Excellent optical properties, high gloss easily disperse, low viscosity, high tinting strength
Process	Sulfate process
Application	Coating(Paint), Printing Ink, Paper, Plastic, Leather, etc

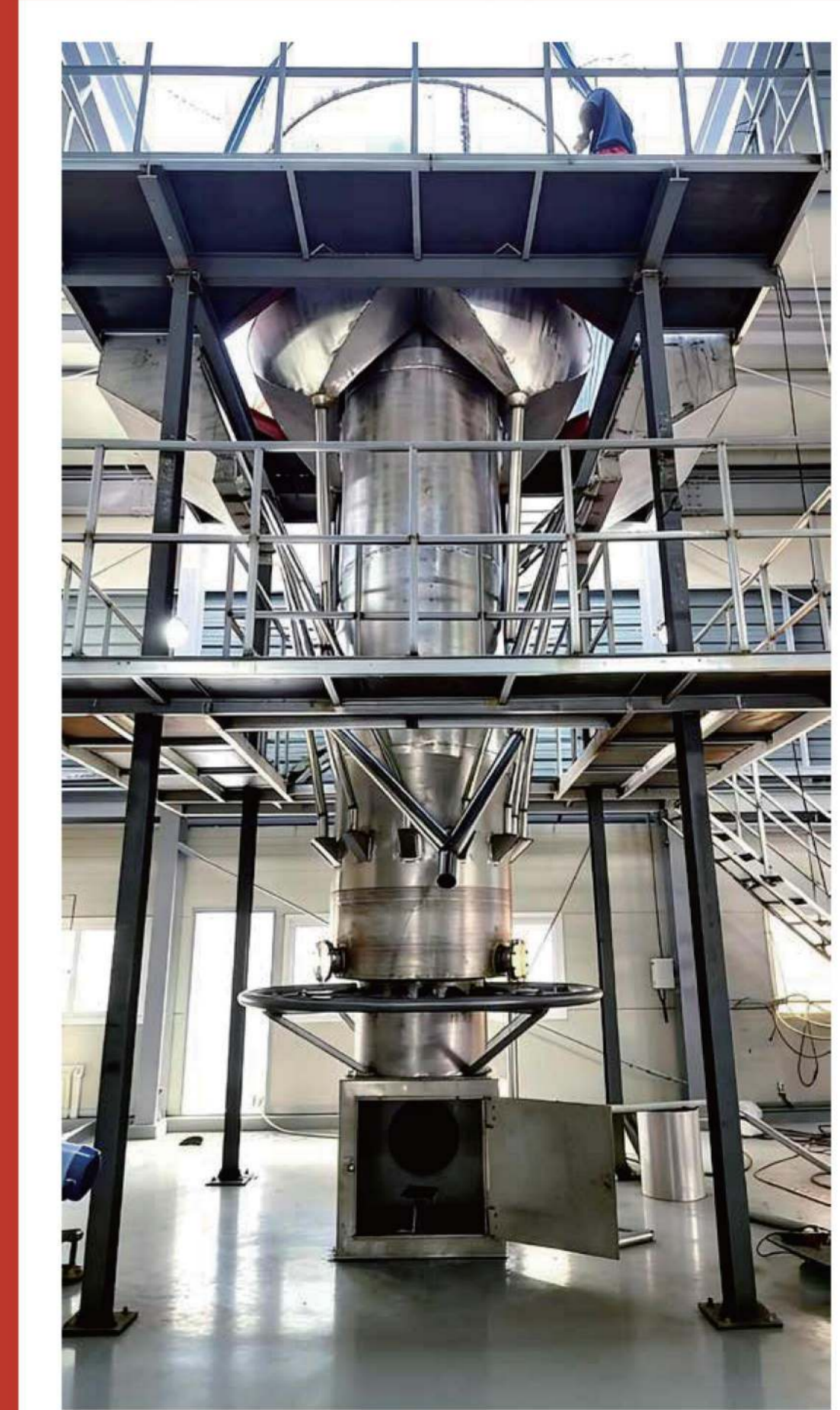


Our Furnace

Our latest glass bead production furnace incorporates a newly patented heating chamber design that revolutionizes thermal efficiency and melt quality in the manufacturing process. Traditional furnaces often struggle with inconsistent temperature zones and excessive energy consumption, leading to variations in glass viscosity and defects in the final beads. Our patented technology introduces a multi-zone radiant heating system combined with a unique curved baffle architecture that optimizes heat distribution throughout the molten glass

This innovative design ensures that the glass maintains a perfectly uniform temperature from the batch inlet to the discharge spout, eliminating cold spots and thermal stratification that can compromise bead clarity and structural integrity. The curved baffle system, protected by our new patent, guides the molten flow in a controlled pattern that maximizes heat transfer while minimizing residence time, resulting in up to 40% greater energy efficiency compared to conventional furnaces.

Engineered for continuous industrial operation, our furnace features advanced refractory materials strategically positioned to extend service life and reduce maintenance downtime. The precision-controlled heating zones, managed by an integrated digital monitoring system, allow operators to fine-tune temperatures with exceptional accuracy, ensuring consistent glass viscosity for the subsequent bead forming process. By combining this patented thermal technology with robust construction and smart controls, we deliver a furnace solution that significantly lowers operational costs while producing higher quality glass beads with fewer defects and greater optical clarity.



Our Lab

Our laboratory is well equipped with specialized testing equipment to ensure our quality



Our Sample management



Our factory



Founder



Dylan

Educational Background: Graduate of the English Department, Nankai University
Professional Experience: 20 years in the foreign trade industry
Current Position: Founder and CEO of Dylan Technology
possessing a strong foundation in English language and literature.
Dylan is well-versed in international trade processes and market dynamics. Leveraging exceptional communication skills and a deep understanding of global markets, Dylan has successfully driven numerous large-scale international trade projects, earning high praise within the industry. In 2018, Dylan founded Dylan Technology, dedicated to integrating innovative technology into the traditional foreign trade industry, providing efficient and intelligent solutions for enterprises. As the founder and CEO of the company, Dylan, with a unique perspective and keen business acumen, leads the team in continuously exploring new markets and driving technological innovation. Under Dylan's leadership, Dylan Technology has rapidly risen to become a leading company in the industry within just a few years. Dylan has not only achieved remarkable success in his career but also actively participates in various industry exchanges and public welfare activities. He is passionate about helping young entrepreneurs and startups, contributing to the sustainable development of the industry.

Elite team

More than 8 years of experience in the import and export of glass beads, and know the product requirements of different countries, can quickly recommend you the products that you need.



Linda

Professional solutions and stable quality will be your solid backing. Honor to meet you on the road of sales road marking and sandblasting glass beads.



Eric

3 years Turkey working experience, over 7 years experience in road marking industry. Hope to be your loyal friend.



Betty

Engaged in international trade for more than 20 years, proficient in trade docs and control of international trade risks. Looking forward to doing business with you and becoming a lifelong friends.



Lily

Our team

The strength of the team is infinite.
Only when a group of people get
together can generate amazing strength.



wechat



WhatsApp



+86-0316-2364775

+86 18631663616

dylan@xgbead.com

www.dylantech.com