



廊坊市澳澜玻璃微珠有限公司

**LANGFANG OLAN
GLASS BEADS
CO., LTD**

Where there are
road markings
there are Olan
Glass Beads



关于我们 ABOUT US

廊坊市澳澜玻璃微珠有限公司是一家专业的玻璃微珠制造商，拥有先进的生产技术和丰富的管理经验，同时也是中国主要的玻璃微珠出口商之一。

公司主营产品有路面标线玻璃微珠、喷砂玻璃微珠、空心玻璃微珠、研磨玻璃微珠和高折射玻璃微珠，其中道路标线用反光玻璃微珠是最受欢迎的一款产品。

凭借16年的生产和出口经验，我司玻璃微珠的年产量达到了3万吨，已经被出口到40多个国家和地区。澳澜玻璃微珠凭借卓越的质量和合理的价格在国内外市场深受好评。

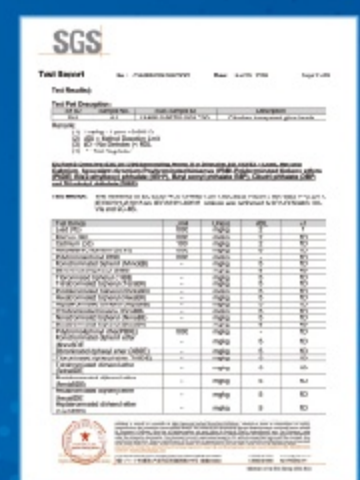
我们的企业宗旨是诚信第一，客户至上，质量优越，价格合理。欢迎国内外新老客户来我司参观选购。

Langfang Olan Glass Beads Co., Ltd is the professional glass beads manufacturer from China. It has advanced production technology and managerial experience, which is also one of the leading exporters of glass beads.

Our main products are glass beads for road marking, sandblasting glass beads, hollow glass microspheres, grinding glass beads and high index glass beads. Reflective Glass beads for road marking is one of the most popular products. With 16 years experience of manufacturing and exporting, our annual production reaches up to 30,000 tons. Olan glass beads have been exporting to 40 countries and regions. Our products win the good reputation in the domestic and international market for the superior quality and competitive price.

The business philosophy of enterprise is credit first, customer oriented, best quality and reasonable price.

The clients from home and abroad are warmly welcome to purchase by choice!



产品用途

道路标线玻璃微珠能够改善路面标线涂料逆反射性能，汽车夜间行驶时，车灯照在带有玻璃微珠的标志线上，可使车灯的光线又平行反射回来，使司机看清前进方向，提高夜间行车的安全性。

质量标准

- 外观：干净透明，表面光滑的球形颗粒
- 颜色：无色、白色或淡黄色
- 折射率：1.5 - 2.2
- 比重： 2.4 - 4.6g/cm³
- 组成成分：钠钙玻璃或钛钡玻璃
- 圆度： ≥ 80%

Glass beads for road marking can improve the retro-reflection property of the road marking line. Driving at night, the headlights shines on the road marking line with glass beads, the light of headlights is reflected back parallelly. So the driver can see the road ahead clearly, and drive safely at night.



Technical Data

- Appearance: Clean, transparent, smooth and spherical
- Colour: Colorless, White or Light Yellow
- Refractive Index: 1.5 - 2.2
- Density: 2.4 - 4.6g/cm³
- Composition: Soda Lime Glass / Titanium Barium Glass
- Roundness: ≥ 80%

BS6088B STANDARD (Drop-on)	
Diameter(um)	Retained(%)
850	0 - 5
600 - 850	5 - 20
300 - 600	30 - 75
180 - 300	10 - 30
< 180	0 - 15

Product Standards

- | | |
|-------------------|-------------------|
| GB/T 24722-2020 | TT-B-1325D |
| JT/T 446-2018 | EN1423 / EN1424 |
| BS6088A / BS6088B | ABNT NBR 16184 |
| KSL 2521 | GOST R 53172 |
| AASHTO M247 | More Standards... |

BS6088A STANDARD (Intermix)	
Diameter(um)	Retained(%)
1180	0 - 3
1180 - 850	5 - 20
850 - 425	65 - 95
< 425	0 - 10

产品用途

用钠钙玻璃制成的玻璃微珠具有良好的化学稳定性，以及一定的机械强度和硬度，作为喷砂材料具有更大的优越性。

质量标准

- 外观：表面洁净、无色透明、无明显杂质、松散球状。
- 折射率：1.51-1.64
- 比重：2.4-2.6g/cm³
- 组成成分：钠钙玻璃，SiO₂含量>70%
- 圆度：≥80%
- 硬度：6-7（莫氏）



Glass beads for sandblasting has the features of chemical stability, high mechanical intensity and hardness. They can be blasted onto the object surface with compressed air and can be used on compress glass, rubber, plastic, moulds with metal casting or compressing. The jetting balls would help reduce elasticity of the surface materials and increase wearing capacity.

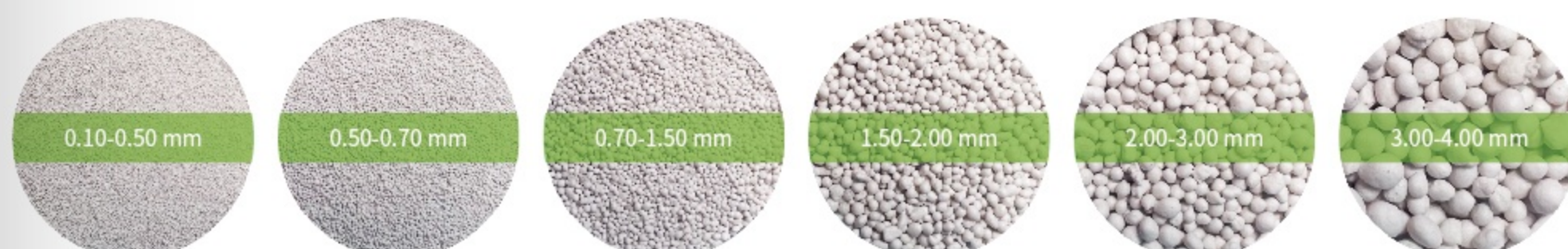
Technical Data

- Appearance: Clean, transparent, no obvious impurity, colorless, smooth and spherical
- Refractive Index: 1.51-1.64
- Density: 2.4-2.6g/cm³
- Composition: Soda lime glass, SiO₂ >70%
- Roundness: ≥80%
- Hardness (Moh's): 6-7

Type	Mesh	Grain Size (um)
30#	20 - 30	850 - 600
40#	30 - 40	600 - 425
60#	40 - 60	425 - 250
80#	60 - 100	250 - 150
100#	70 - 140	212 - 106
120#	100 - 140	150 - 106
150#	100 - 200	150 - 75
180#	140 - 200	106 - 75
220#	140 - 270	106 - 53
280#	200 - 325	75 - 45
320#	> 325	0 - 45
UF30	> 450	0 - 30 (D90)
UF20	> 600	0 - 20 (D90)
UF15	> 800	0 - 15 (D90)
UF10	> 1000	0 - 10 (D90)
UF05	> 2000	0 - 5 (D90)

Hollow glass microspheres, made of Soda Lime Borosilicate Glass, are hollow spheres which grain size is 10-1000microns, wall-thickness 1-2 microns, filled with inert air or gas. Hollow glass microspheres are white, widely used in composite materials such as paint, aviation, FRP, marble and agate.

Product	True Density (g/cm ³)	Bulk Density (g/cm ³)	Compressive Strength (MPa/psi)	Particle Size (um)	
				D50	D90
OLH15	0.13 - 0.17	0.08 - 0.09	4/500	80	120
OLH20	0.20 - 0.22	0.10 - 0.12	4/500	65	110
OLH25	0.24 - 0.27	0.13 - 0.15	5/750	65	100
OLH28	0.27 - 0.30	0.14 - 0.17	10/1500	55	85
OLH30	0.29 - 0.32	0.15 - 0.18	10/1500	55	85
OLH32	0.31 - 0.33	0.17 - 0.19	14/2000	45	80
OLH35	0.33 - 0.37	0.18 - 0.21	21/3000	40	70
OLH38	0.37 - 0.39	0.19 - 0.22	38/5500	40	65
OLH40	0.39 - 0.42	0.19 - 0.23	28/4000	40	70
OLH42	0.41 - 0.44	0.21 - 0.24	55/8000	40	60
OLH46	0.44 - 0.48	0.23 - 0.26	41/6000	40	70
OLH50	0.48 - 0.52	0.25 - 0.27	55/8000	40	60
OLH60	0.58 - 0.62	0.29 - 0.34	70/10000	40	65
OLH60	0.58 - 0.62	0.29 - 0.34	83/12000	40	65
OLH60S	0.58 - 0.63	0.30 - 0.34	125/18000	35	55
OLHS20	0.20 - 0.22	0.10 - 0.12	7/1000	60	90
OLHS22	0.21 - 0.24	0.11-0.13	8/1200	45	70
OLHS38	0.37 - 0.39	0.19 - 0.22	38/5500	30	50
OLHS42	0.40 - 0.44	0.21 - 0.24	55/8000	25	40
OLHS60	0.58 - 0.62	0.29 - 0.33	193/28000	16	25
OLHS65	0.63 - 0.67	0.31 - 0.35	207/30000	13	20
OLHS70	0.68 - 0.72	0.33 - 0.37	207/30000	10	15



产品用途

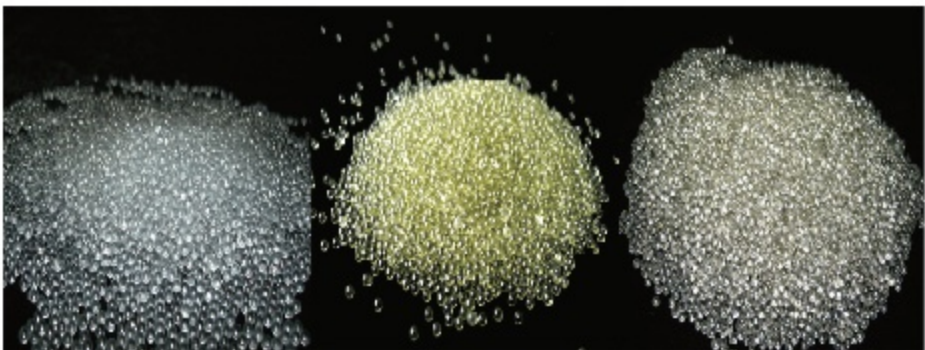
研磨玻璃珠具有表面光滑，大小均匀，硬度高，耐磨，稳定，广泛应用于染料，油漆，油墨化工等行业的分散剂，研磨介质和填充材料。

质量标准

- 外观：表面洁净、无色透明、松散球状。
- 折射率：1.51-1.64
- 比重：2.4-2.6g/cm³
- 组成成分：钠钙玻璃，SiO₂含量>70%
- 圆度：≥90%
- 硬度：6-7（莫氏）
- 抗压强度：>1200N



Glass beads for abrasives with the advantages of smooth surface, uniform size, high hardness, wearable and stable, widely used as disperser, grinding media and filler materials in dye, paint, ink and chemical industry.



Technical Data

- Appearance: Clean, transparent, colorless, smooth and spherical.
- Refractive Index: 1.51-1.64
- Density: 2.4-2.6g/cm³
- Composition: Soda lime glass, SiO₂ >70%
- Roundness: ≥90%
- Hardness (Moh's): 6-7
- Compressive Strength: >1200N

Diameter (mm)	Corresponding Sieve Size
0.8 - 1.0	20 - 18
1.0 - 1.5	18 - 14
1.5 - 2.0	14 - 12
2.0 - 2.5	12 - 8
2.5 - 3.0	8 - 7
3.0 - 4.0	7 - 6
4.0 - 5.0	6 - 4
5.0 - 6.0	4 - 3

Glass Beads with Refractive Index 1.93nd

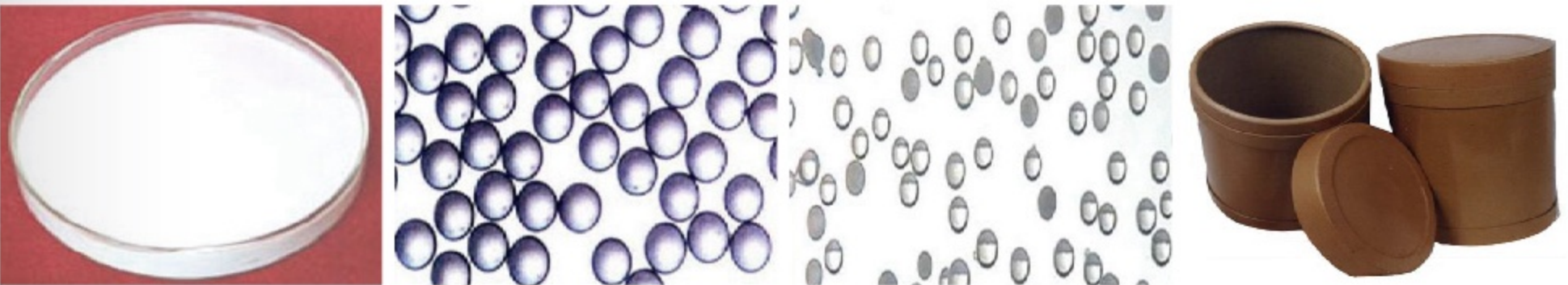
1.93nd glass bead is used for retro-reflective articles, such as open-type reflective sheets, reflective fabric, traffic safety, reflective printing ink, screen printing etc. reflective tape, reflective yarn and “Encapsulated-Lens” type retro-reflective articles, such as high intensity grade reflective sheet.

Glass Beads with Refractive Index 2.2nd

2.2nd glass bead is used for “Enclosed-Lens” type retro-reflective articles (refer to enclosed glossary), such as engineering grade sheet and super engineering grade sheet which contribute to road signs and traffic safety .

Aluminum Coated Glass Beads with Refractive Index 1.93nd

Aluminum coated glass beads are used for road signs , traffic safety goods and reflective printing ink, screen printing, etc.



Composition	TiO ₂ - BaO - SiO ₂ GLASS		
Refractive Index	1.93 ± 0.01Nd	2.2 ± 0.1Nd	1.93 ± 0.01Nd
Specific Gravity	4.1 ± 0.2g/cm ³	4.5 ± 0.2g/cm ³	4.1 ± 0.2g/cm ³
Color	White	White	Silver Grey
Form	Fine spheres powder		
Surface Treated	No	No	Semispheres-coated with aluminum
Size	15 - 38um, 38 - 53um, 53 - 75um		
Roundness	≥95%		
Opacity	≤1%	≤5%	≤1%
Packing	Net 25kgs/drum lining with plastic bags and desiccant		

澳澜微珠 服务全球



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