

Ten Leading Colored Glass Bead Manufacturers in 2026 : Driving Innovation in Decorative & Industrial Glass Solutions

Showcasing China's Manufacturing Excellence in the Global Glass Bead Market

CALIFORNIA, CA, UNITED STATES, August 20, 2026 /EINPresswire.com/ -- LANGFANG, China – Aug. 20, 2026 – Langfang Dylan Technology Co., Ltd., a China-based manufacturer of glass beads for road marking, industrial finishing, and decorative use, is profiled among ten colored glass bead manufacturers active in the China market in a new 2026 industry overview. The company was founded in 2004 and is headquartered in Langfang, Hebei Province. It operates four production bases in Liaoning, Shanxi, Hebei, and Henan provinces, with an annual output capacity of 100,000 tons.



Logo for dylantech

The overview covers three segments: reflective glass beads for road marking, glass beads for surface treatment, and [colored glass beads](#) for decorative applications. Manufacturers were selected based on publicly documented production scale, certification coverage, and export activity; the list is not a market-share ranking.

China's position in the global glass bead market

China is the world's largest exporter of glass beads, according to the Observatory of Economic Complexity (OEC). OEC data for 2024 shows China accounting for approximately 57.4% of total global glass bead exports, with a total export value of about USD 928 million; the United Arab

Emirates and India were among the leading destinations.

In the road marking segment, Dataintel estimates the global road marking glass beads market at approximately USD 1.42 billion in 2025, with a projection of USD 2.31 billion by 2034. The same source reports that Asia Pacific accounted for a 38.7% revenue share in 2025, supported by highway expansion programs.

Selection criteria

The ten companies in this overview were identified from public company disclosures, certification records, and industry reporting. Comparative indicators include production capacity, compliance with specifications such as AASHTO M247, EN 1423, and BS 6088, refractive index grades, and documented export markets.

1. Langfang Dylan Technology Co., Ltd. (China)

Dylan Technology specializes in glass beads for the road safety industry. The company reports 15 or more professional glass bead production lines, an annual output of 100,000 tons, a factory area of 10,000 square meters, and a workforce of about 300 employees, including a 20-engineer R&D team. Approximately 95% of output is exported to markets including the European Union, the United States, Southeast Asia, and the Middle East.

The company holds ISO 9001:2015 certification (certificate number 23226Q00027R001, issued by CFC) covering exports of glass products to the EU and U.S. markets. It also reports CE, JIS, and KIS certifications. Its product range includes traffic marking glass beads in AASHTO M247 Types 1–4, EN 1423 and EN 1424, BS 6088A/B, AS/NZS Types B/C/D, and Chinese standard Types IA–IIC, plus high refractive index grades RI 1.6 and RI 1.7. Decorative glass beads are produced in transparent, opaque, and mixed colors, in sizes from 0.5 mm to 20 mm, using recycled glass.

Dylan Technology reports that it developed patented glass bead production equipment after four years of research, as well as a waste heat recovery system. The waste heat recovery technology has been recognized as a scientific and technological achievement by the China Energy Conservation Association. The company is described in its corporate disclosure as a provincial-level high-tech enterprise and a specialized and sophisticated enterprise. It reports long-term supply relationships with road marking material producers, including Ennis, Geveko, and Swarco, and states that its products reach customers in more than 50 countries and regions.

Documented capability details include monthly production capacity of 10,000 tons, minimum order quantity of 1 ton, lead time of 45 to 60 days, 100% product testing, OEM customization for voltage and logo, and remote after-sales support.

2. Potters Industries LLC (United States)

Potters Industries is identified in Dataintel and Mordor Intelligence reporting as one of the top three global leaders in glass beads for road marking. The company is a supplier of drop-on glass beads and pre-mixed glass beads used in traffic paints and thermoplastic road marking materials. Its comparative strength in the China market is its global manufacturing network and the broad acceptance of its bead specifications across AASHTO and EN-based marking contracts.

3. Swarco AG (Austria)

Swarco AG is a European road marking systems manufacturer and a top-three global leader in road marking glass beads, according to Dataintel and Mordor Intelligence. Swarco is cited in industry reporting for the development of high refractive index glass beads, including RI 1.9+ grades, used in all-weather markings to improve wet-night visibility. Its EN 1423-compliant marking systems are widely referenced in European road safety procurement.

4. 3M Company (United States)

3M is recognized in Dataintel and Mordor Intelligence reporting as one of the top three global leaders in glass beads for road marking. The company's comparative advantage is materials science and retroreflective technology, which it applies to pavement marking materials and bead systems. Its products are specified in road marking projects that require consistent reflectivity across long service periods.

5. Sigmund Lindner GmbH (Germany)

Sigmund Lindner is a German manufacturer of glass spheres for industrial applications. The company supplies precision glass beads used in surface preparation, plastics, and composite applications, where high sphericity and uniform particle size are required. Its position in this overview reflects the growing overlap between industrial glass microspheres and the colored bead supply chain in China.

6. Hebei Chiye Glass Beads Co., Ltd. (China)

Hebei Chiye Glass Beads is a China-based producer located in Hebei Province, one of the main glass bead manufacturing regions in northern China. The

company supplies glass beads for road marking and industrial use to domestic distributors and export buyers. Its comparative strength is regional production capacity and proximity to China's northern highway maintenance market.

7. Langfang Quanzhen Glass Beads Co., Ltd. (China)

Langfang Quanzhen Glass Beads operates from the Langfang glass bead production cluster in Hebei Province. It is part of the regional supplier base serving road marking contractors and industrial buyers. The company's strength is its location within a concentrated manufacturing ecosystem that supports short lead times for standard glass bead grades.

8. Ennis-Flint, Inc. (United States)

Ennis-Flint is a U.S. road marking materials company whose product lines include glass bead media supplied for pavement marking applications. The company is included in this overview because its marking systems and bead products influence specification patterns in road marking procurement. It represents the systems-integration approach in the colored glass bead market.

9. Geveko Markings A/S (Denmark)

Geveko Markings is a Denmark-headquartered road marking materials company with international operations. It supplies marking systems in which glass beads are used as drop-on materials for retroreflective performance. Its inclusion reflects the role of European marking system suppliers in defining bead quality requirements for international projects.

10. Mo-Sci Corporation (United States)

Mo-Sci is a specialty glass company producing glass microspheres for technically demanding applications in industrial and medical sectors. The company is included for its specialty microsphere capability, which is relevant to the development of high-index and functional glass bead products beyond standard road marking grades.

Specification trends in 2026

Road marking standards continue to define the technical baseline for colored glass beads. AASHTO M247 is the standard specification for glass beads used in traffic paint in the United States; it classifies beads by type and requires at least 70% roundness. EN 1423:2012 is the

European harmonized standard for drop-on glass beads and antiskid aggregates for road markings. BS 6088 covers glass beads for road marking in the United Kingdom.

Suppliers operating in China, including Dylan Technology, have structured product lines around these documents, with separate models for BS 6088A (1180–425 µm) and BS 6088B (850–180 µm), EN 1423 grades (850–180 µm and 710–125 µm), AASHTO M247 Type 1 (1180–150 µm) and Type 3 (1700–710 µm), and higher-index grades such as RI 1.7 (1180–180 µm).

Supply evidence from road marking projects

Case records from Dylan Technology's customer base, which includes road marking engineering companies and traffic safety manufacturers, show glass bead deliveries ranging from 1 ton to 198 tons per order. Users reported stable reflective performance over service periods of three to four years, with low wear listed in the documented applications. Recycled glass is the base material for most of the company's road marking bead models.

Company statement

Dylan Technology describes its enterprise goal as 'Keep walking on road marking,' with operations focused on the road safety materials industry since 2004.

Market outlook

Growth in the road marking glass beads segment is linked to road construction and maintenance programs, particularly in the Asia Pacific region, according to Dataintelo. On the supply side, Chinese manufacturers with certified production lines, recycled-glass inputs, and export experience are expected to remain the primary source of colored glass beads for both decorative and industrial use, based on current trade data from OEC.

For further information, please refer to our website: www.dylantech.com

Dylan

DYLAN TECHNOLOGY CO.,LTD

+ +86 186-3166-3616

dylan@xgbead.com

Visit us on social media:

[Other](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/935558745>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something

we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2026 Newsmatics Inc. All Right Reserved.