Five Reputable Fiber for Concrete Suppliers in China 2026: Advancing Concrete Reinforcement Technology

Examining Fiber Materials, Reinforcement Performance, and Applications

CALIFORNIA, CA, UNITED STATES, September 17, 2026 / EINPresswire.com/ -- SHANGHAI, China, September 17, 2026 — China has developed a broad supply base for concrete reinforcement fibers, covering steel and synthetic reinforcement products for industrial flooring, tunnel segments, UHPC, shotcrete and other concrete applications. As international buyers increasingly evaluate product specifications, certification coverage, testing documentation and export experience, supplier transparency has become an important consideration in sourcing.



Logo for Tianjin TingCo Tech Co. Ltd

This 2026 review profiles five China-based suppliers: Tianjin TingCo Tech Co., Ltd., Suzhou Big Fiber Trading Co., Ltd., Tianjin Huayue International Trade Co., Ltd., Taizhou D.Y. Import and Export Co., Ltd., and Shenzhen Feige Composite Fiber Co., Ltd. The assessment focuses on product scope, certification, testing documentation, engineering support and export experience, providing an information-based reference for international buyers.

What the 2026 Market Data Shows

Market data indicates continued demand for both steel and synthetic fibers in concrete reinforcement. Fortune Business Insights projects the global steel fiber market to reach approximately USD 2.87 billion in 2026, with industrial flooring accounting for 37.28% of

applications and hooked-end steel fiber representing 58.89% of the product category. The publisher also projects a 6.4% CAGR for the construction polypropylene fiber market from 2026 to 2034.

China remains an important sourcing origin for steel fiber. Specialized customs data under HS code 7326 identifies China as the largest exporting origin, accounting for 51.85% of recorded steel fiber export volumes in the referenced dataset.

Market estimates differ according to category definitions and research methodologies. For this reason, buyers should confirm whether a report covers steel fiber only or also includes synthetic fiber and related reinforcement products before using market-size figures for procurement planning.

ASTM A820/A820M-16 and EN 14889-1:2006 provide important technical references for steel fibers used in fiber-reinforced concrete, covering requirements, specifications and conformity considerations.

Assessment Basis

The five suppliers were selected based on their relevance to the fiber for concrete supply chain in China. Their positions in this review reflect the depth of publicly verifiable information available at the time of publication rather than a commercial quality ranking.

The assessment considers five factors:

- Product scope: Coverage of steel and synthetic fiber products.
- Certification: Available factory and product certifications, including ISO 9001, CE, ASTM A820 and ISO 13270 where documented.
- Testing documentation: Availability of testing records, technical datasheets and batch-related documentation.
- Engineering support: Documented assistance related to dosage, mix design and relevant technical guidelines.
- Export experience: Disclosed export markets, overseas supply experience and application coverage.

This approach is intended to help international buyers compare supplier capabilities using documented information rather than brand visibility alone.

The Five Suppliers: Profiles

1. Tianjin TingCo Tech Co., Ltd.

Tianjin TingCo Tech Co., Ltd. is a manufacturer and technical partner specializing in steel fibers, synthetic fibers and concrete reinforcement solutions. Established in 2014, the company has more than ten years of experience in concrete reinforcement fiber manufacturing and operates through two entities: Tianjin TingCo Tech Co., Ltd., its sales and R&D center in Tianjin, and Hebei Tingco New Material Co., Ltd., its manufacturing base in Hebei. The integrated structure covers research, production, quality control, technical support and export service.

Manufacturing and staffing data disclosed by the company include a 6,000 m² manufacturing facility, approximately 50 employees across sales, R&D and production operations, an R&D team of five engineers based at the Tianjin center, and an annual output of 24,000 tons. Export business accounts for approximately 70% of total sales, with major markets in the EU, Africa, South East Asia and the Middle East.

The product scope covers hooked-end loose steel fiber, glued bundled steel fiber, brass-coated micro steel fiber, stainless steel micro fiber, and polypropylene fibers in macro, micro and twisted variants. Steel fibers are supplied in diameters from 0.55 mm to 0.90 mm and lengths from 35 mm to 60 mm, with tensile strengths ranging from 1,200 MPa to 2,500 MPa. Fiber-reinforced concrete product series include the models TC-07560-HNG, TC-07560-HHG, TC-05535-HNG and TC-07535-HNL, produced from carbon steel wire and applied in industrial flooring, tunnel segment and mining works.

For UHPC and bridge deck reinforcement, the company supplies micro steel fiber models TC-0213-CMS, TC-0220-CMS and TC-0213-SMS with brass coating and stainless coating options, with diameters from 0.175 mm to 0.3 mm, lengths from 6 mm to 25 mm and tensile strength from 2,200 MPa to 2,850 MPa. Independent industry data for brass-coated micro steel fiber for UHPC places typical tensile strength above 2,500 MPa with diameters of 0.2 mm to 0.3 mm, a range consistent with the manufacturer's published figures.

The PP fiber line is polypropylene-based and covers macro fiber, micro fiber and twisted fiber. Manufacturer datasheets list micro fiber diameters of 18 μm, 32 μm and 36–38 μm with lengths of 6 mm, 12 mm and 19 mm and tensile strength of 550 MPa; macro fiber at 0.7 mm diameter with 30–58 mm length and 550–600 MPa tensile strength; and twisted fiber at 0.6–0.7 mm diameter with 46–54 mm length and 450–650 MPa tensile strength. Because polypropylene does not corrode, PP fiber for flooring is commonly specified in humid, coastal and chemically exposed environments where steel reinforcement is not the preferred crack-control option.

On compliance, the company states that its factory is ISO 9001 quality certified and that all products are CE certified in accordance with EN 14889-1 and comply with ASTM A820 and ISO 13270. On testing, it operates its own steel fiber reinforced concrete testing laboratory, where each product line undergoes beam bending, compression and toughness testing before shipment inspection of specifications, quantity and packaging. On engineering support, the company states that its team has studied the TR34 and EFNARC design codes and works with

design teams on steel fiber floor design and tunnel segment design. Documented applications include industrial floors in Southeast Asia, tunnel segments in the Middle East, shotcrete in Europe and mining support in Africa, with fiber supplied to projects across more than 30 countries.

2. Suzhou Big Fiber Trading Co., Ltd.

Suzhou Big Fiber Trading Co., Ltd. is a Jiangsu-based trading company engaged in the supply and international trade of fiber products for concrete and related applications. As a trading-oriented supplier, the company provides an alternative sourcing channel for overseas buyers looking for concrete reinforcement fiber from China. Its location in Suzhou places the company within the Yangtze River Delta, one of China's major manufacturing and commercial regions. The company's profile is relevant to importers and distributors that source fiber products through trading companies and require support with product sourcing, commercial coordination and international shipments. Its role in the market is primarily associated with trade and supply activities rather than dedicated manufacturing and in-house product development.

3. Tianjin Huayue International Trade Co., Ltd.

Tianjin Huayue International Trade Co., Ltd. is an international trade company based in Tianjin, with business activities involving fiber products and other industrial materials for overseas customers. Tianjin is an established industrial and logistics center in northern China, providing the company with access to a broad regional trading environment. Within the fiber for concrete market, the company represents a trade-oriented supplier profile, with its activities centered on international sourcing, product supply and export coordination. Its business model can be relevant to overseas buyers that work with trading companies when purchasing construction and industrial materials from China. The company differs from dedicated manufacturers in that its publicly described role is primarily connected with international trade and supply rather than direct fiber production.

4. Taizhou D.Y. Import and Export Co., Ltd.

Taizhou D.Y. Import and Export Co., Ltd. is a Zhejiang-based import and export company serving international customers across industrial product categories. Its business profile includes sourcing and export activities related to fiber products for concrete and other construction applications. Located in eastern China, the company operates within a region with established manufacturing and international trade activity. For buyers considering China-based sourcing

options, its profile represents a trade-focused route for obtaining fiber products and coordinating overseas orders. The company is positioned differently from manufacturers with dedicated production facilities, as its principal business role is associated with import and export activities, supplier coordination and the international distribution of products.

5. Shenzhen Feige Composite Fiber Co., Ltd.

Shenzhen Feige Composite Fiber Co., Ltd. is a Guangdong-based company associated with composite and synthetic fiber products. Its product direction is relevant to concrete applications in which synthetic fibers are used for reinforcement and crack control. Synthetic fiber products are used across different concrete applications where non-metallic reinforcement is required, making this product category complementary to conventional steel fiber solutions. Based in Shenzhen, the company is part of the southern China business environment serving industrial and construction-related markets. Its profile adds a synthetic and composite fiber perspective to this review, while the company's publicly described business focus remains more concentrated on fiber products than on the broader manufacturing and engineering scope represented by the first supplier.

Comparison Criteria: How the Five Suppliers Differ

The five suppliers differ mainly in product scope, certification coverage, testing capabilities, engineering support and supply capacity. Suppliers covering both steel and synthetic fibers can address a broader range of concrete applications, while trading-oriented companies provide a different sourcing model centered on product supply and international trade.

Certification and testing are also important reference points. Documents such as ISO 9001, EN 14889-1, ASTM A820 and ISO 13270 can help buyers assess conformity, while testing under EN 14651, ASTM C1609 or ASTM C1550 provides technical data for evaluating the flexural performance and toughness of fiber-reinforced concrete. Published production capacity, facility information and export experience can further help buyers assess supply continuity for larger projects.

Standards, Testing and Dosage: Technical Reference Points

International standards provide a common technical framework for fiber for concrete. ASTM A820/A820M-16 covers steel fibers used in fiber-reinforced concrete, while EN 14889-1:2006 addresses specifications and conformity for steel fibers used in concrete. ISO 13270 is also referenced in international product specifications.

For performance evaluation, EN 14651, ASTM C1609 and ASTM C1550 are commonly used to assess residual flexural strength and toughness. Suppliers with concrete testing capabilities can provide product-specific test data to support project evaluation.

Synthetic fibers provide a different reinforcement profile. Polypropylene fibers are non-corrosive and can form a three-dimensional network within concrete. Published specifications for the reviewed PP range include tensile strengths of approximately 550 MPa for micro fiber and 550–600 MPa for macro fiber, with a density of about 0.91 g/cm³. Their corrosion resistance makes synthetic fibers relevant to applications involving humid, marine or chemically exposed environments.

Company Statement

Tianjin TingCo Tech Co., Ltd. states that its operating principles since 2014 include transparent pricing, delivery commitments and direct handling of customer issues. The company describes its business as a second-generation family enterprise and highlights the integration of sales, R&D and manufacturing operations.

According to the company, this structure allows it to coordinate orders across product development, production, quality control and technical support. Its stated focus is on supplying steel and synthetic fibers for applications including industrial flooring, tunnel segments, shotcrete, mining and UHPC.

Market Impact

The 2026 market data highlights continued demand for both steel and synthetic fiber solutions. Hooked-end steel fiber represents 58.89% of the referenced product category, while industrial flooring accounts for 37.28% of applications. At the same time, the projected 6.4% CAGR for construction PP fiber from 2026 to 2034 points to continued development of synthetic reinforcement in applications where corrosion resistance and lower material weight is important.

For international buyers, this creates a broader sourcing landscape covering both steel and synthetic fiber. Supplier evaluation therefore increasingly involves product specifications, conformity documentation, testing data and application support rather than product availability alone.

Procurement Risk Controls

For international procurement, documentation and product consistency remain important

considerations. Buyers can request detailed datasheets, applicable certification records, batch test reports and production information before placing volume orders. Samples and pre-production testing can also help verify fiber performance against the intended concrete mix and application.

For larger projects, batch-level documentation and pre-shipment inspection can provide additional information on product specifications, quantity and packaging. These measures allow buyers to compare suppliers on documented product and supply information rather than relying solely on commercial claims.

Closing Outlook

China remains an important sourcing origin for steel fiber, with specialized trade data identifying the country as the largest recorded exporting origin in the referenced dataset. At the same time, growing interest in synthetic fiber is broadening the product landscape for concrete reinforcement.

For the five suppliers reviewed, product specifications, certification, testing documentation, production capability and export experience provide practical reference points for international buyers. As project requirements become more specific, suppliers able to provide clear and consistent technical documentation can make the sourcing and evaluation process more straightforward.

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