



ADHESIVE (SHANGHAI) CO. LTD

上海胶粘剂有限公司

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Adhesive (Shanghai) Co. Ltd

Add: No.3285 Shenxin Road,Jianding Area,Shanghai,China

Tel: +86-15618525178

Wechat/whatsapp: +86-15618525178

Email: info@great-adhesive.com





FACTORY ENVIRONMENT

We have 300 experienced employees and 30 technical consultants, making us more competitive in service and quality. The staff ensures an output of tens of thousands of tons per day, while the technical consultants adopt a 24-hour online response mechanism to provide global customers with full-process tracking services from formula debugging to process optimization. A 3,000 square meter intelligent warehousing system ensures on-time delivery of every batch of goods.

Adhesive (Shanghai) Co. Ltd We have specialized in the R&D of eco-friendly hot melt adhesives for 20 years and passed ISO certification. Our products serve e-commerce merchants, distributors and industrial scenarios. We have independently developed high-viscosity and high-temperature resistant formulas, with product quality stability over 99%. Rooted in Shanghai for more than 20 years, Adhesive (Shanghai) Co., Ltd. has always focused on the R&D and production of EVA and PUR hot melt adhesives. The company holds a number of internationally authoritative certifications including ISO, CE and CARB, and has become a professional supplier for packaging & printing, furniture manufacturing, auto parts and other industries, with adhesive stability above 99%.





CUSTOMIZATION ADVANTAGES

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- CUSTOM LEAD TIME IS ONLY 7-15 WORKING DAYS
- MINIMUM ORDER QUANTITY (MOQ) FOR CUSTOMIZED PRODUCTS: 100KG
- 25KG PER BAG, MOISTURE-PROOF INNER BAG, PALLET REINFORCEMENT AVAILABLE



WHAT IS HOT MELT ADHESIVE?

Hot Melt Adhesive changes its physical state with temperature within a certain range while its chemical properties remain unchanged. It is non-toxic and odorless, belonging to eco-friendly chemical products. As solid products, they are easy to pack, transport and store, solvent-free, pollution-free and non-toxic. They are widely favored for simple production processes, high added value, strong bonding strength and fast bonding speed.



PRODUCT ADVANTAGES

1. Excellent adhesion with high bonding strength
2. Cost-effective: All EVA raw materials are imported (please refer to EVA raw material photos for details) to guarantee stable product performance. Stability means the melting point and melt index of each batch remain consistent, so customers barely need to adjust temperature and other parameters during use.
3. Low glue consumption can achieve ideal bonding effect, helping customers cut costs
4. Outstanding environmental performance with no formaldehyde



PRODUCT CATEGORIES

EDGE BANDING ADHESIVE



HOT MELT BOOK GLUE



HOT MELT GLUE STICKS



APPLICATIONS



EDGE BANDING HOT MELT ADHESIVE INTRODUCTION

Edge banding hot melt adhesive is a solid adhesive specially used for edge sealing of artificial boards. It is melted, coated and pressed by professional edge banding machines to bond edge strips and base materials together.

VISCOSITY

Viscosity refers to the thin or thick state of adhesive under a specific temperature, which cannot directly reflect product quality. Generally, higher viscosity brings better initial tack but poorer coating performance. Low-viscosity adhesive consumes less glue and has better wettability. High-viscosity adhesive is recommended for low-quality particle boards.

SOFTENING POINT

It is an indicator of the heat resistance of edge banding glue. The higher the softening point, the harder the glue melts, normally ranging from 80~120°C.



OPERATING TEMPERATURE

It refers to the temperature of adhesive on the coating wheel of edge banding machines. The glue can reach the optimal bonding strength only when the temperature on the coating wheel hits the operating temperature.

OPEN TIME OF EDGE BANDING GLUE & FEEDING SPEED OF EDGE BANDING MACHINE

Open time means the period from glue coating to pressing edge strips onto substrates. Feeding speed is closely related to open time: high-speed edge banding machines need hot melt adhesives with short open time, while low-speed machines need those with long open time.

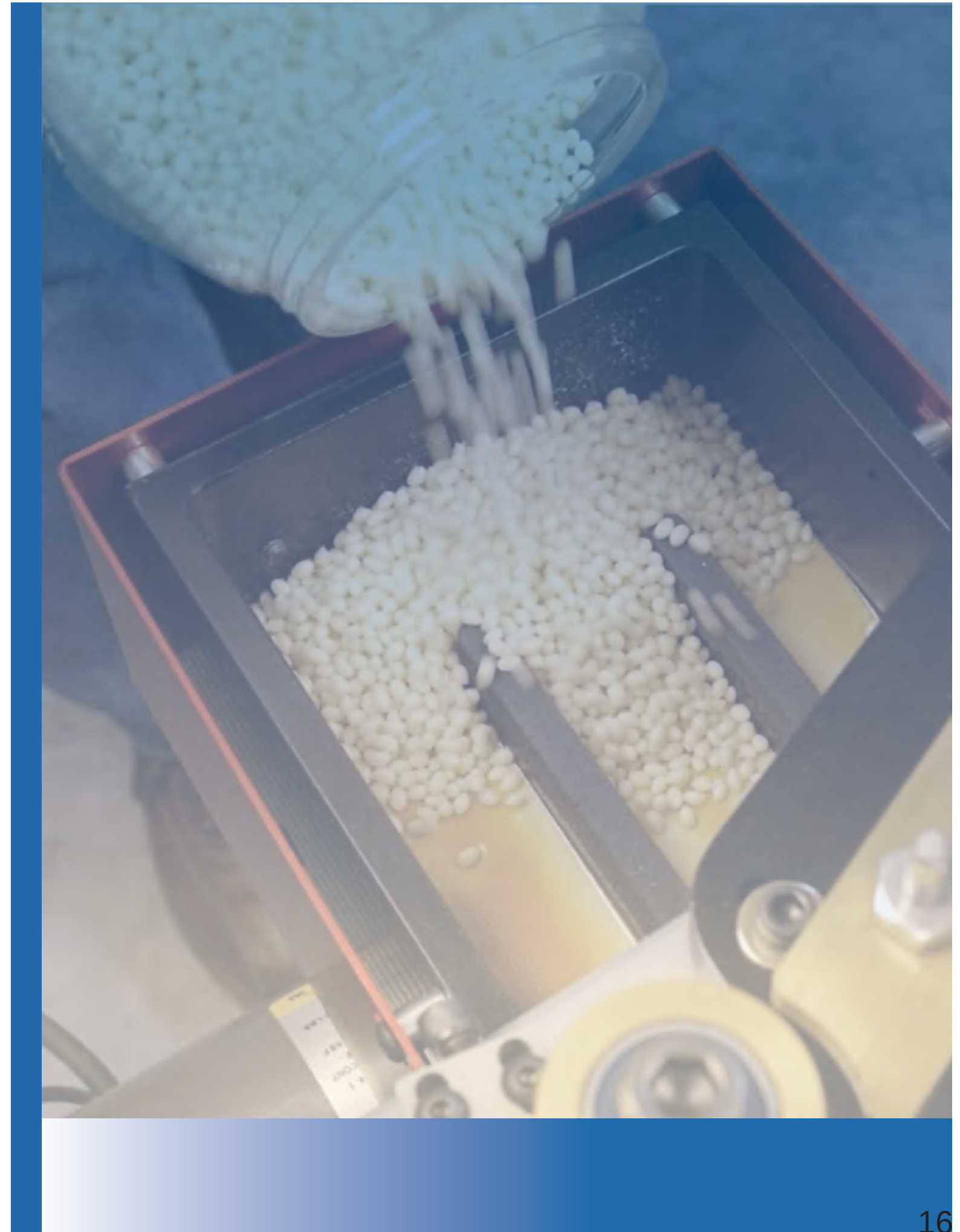


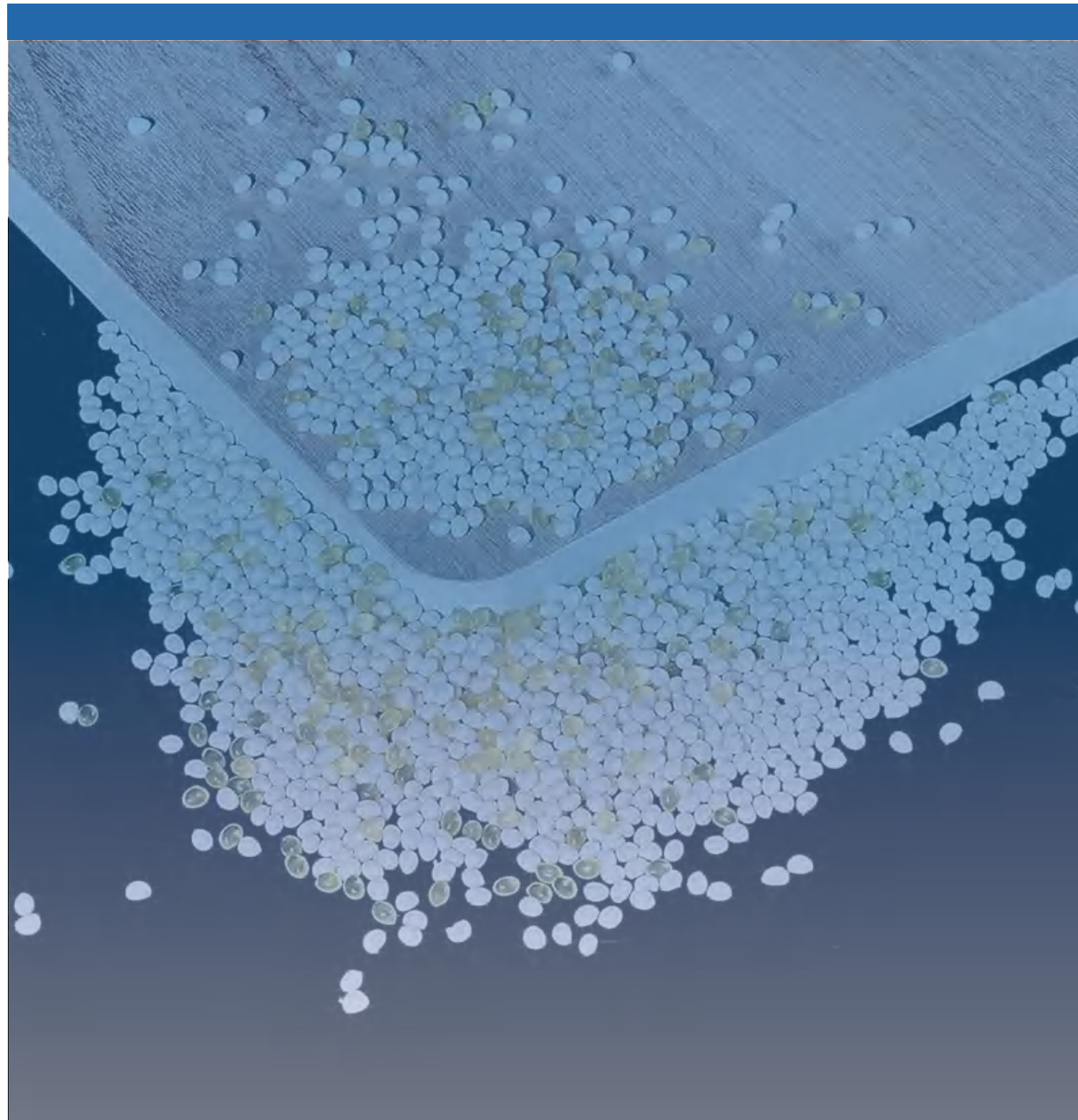
CLASSIFICATION BY BASE MATERIAL

- 1.EVA-based hot melt adhesive: divided into filled type and unfilled type
- 2.Polyamide-based hot melt adhesive: excellent heat resistance and fast curing; the main disadvantage is high price
- 3.HMPU (Polyurethane)-based hot melt adhesive: the highest performance hot melt adhesive, guaranteeing high-quality board edge banding; high price and special operation methods required

CLASSIFICATION BY MELTING POINT

- High-temperature glue: operating temperature 180~210°C
- Medium-temperature glue: operating temperature 150~180°C
- Low-temperature glue: operating temperature 130~150°C





HOT MELT BOOK GLUE

TYPES

Side glue (edge glue) and spine glue

FUNCTION

Bond book inner pages through glue coating machines for book binding

REQUIREMENTS

No page detachment, no stringing, no empty coating, no air bubbles

PROCESS

Roll coating

APPLICABLE EQUIPMENT

Single-head straight-line binding machine, disc binding machine, elliptical binding machine, linked binding line

COLOR CLASSIFICATION

Milky white, fog white, translucent, fully transparent

CLASSIFICATION BY PERFORMANCE

Writing paper spine glue, low basis weight coated paper spine glue, high basis weight coated paper spine glue

APPLICATION FIELDS

Textbooks, notebooks, receipt books, instruction manuals, tender documents, magazines, picture albums, hardcover books

CLASSIFICATION BY CRAFT

Perfect binding glue, thread-sewn binding glue



TECHNICAL PARAMETERS OF BOOK GLUE

Category	Edge Glue	Spine Glue
Appearance	Yellow granular	White granular
Softening Point	85±2℃	80±2℃
Open Time	6–8S	6–8S
Curing Time	10–12S	10–12S
Viscosity	3000±500 CPs @170℃	3200±300 CPs @170℃
Operating Temperature	150–170℃	150–170℃
Chroma	2–3	0-1

PVC TABLE MAT SERIES



CONCEPT

Hot melt glue sticks are solid adhesives mainly made of EVA (Ethylene-Vinyl Acetate Copolymer) mixed with tackifiers and other additives. They feature fast bonding, high strength, aging resistance, non-toxicity and good thermal stability. They can bond various solids including wood, plastic, fiber, fabric, metal, furniture, lamp shades, leather, crafts, electronic toys, electrical components, paper products, ceramics and EPE foam packaging, widely used in factories and households.

PRODUCT PARAMETERS

Specifications: Diameter 7mm / 11mm, Length 200mm / 270mm / 300mm Operating Temperature: 130~150°C Softening Point: 75°C±5°C Open Time: 30~40s Curing Time: 8~12s Viscosity: 6000~8000 mPa·s @160°C

FACTORY APPLICATION SCENARIOS

Carton packaging, LED light strips, EPE foam packaging, artificial flowers, paper sacrificial products like wreaths, electronic component fixing, leather, luggage, audio-visual products, etc.

HOUSEHOLD APPLICATION SCENARIOS

Strengthen hook adhesion, repair broken books, produce wooden & shell crafts, DIY handcrafts, make & repair hair accessories, repair damaged toys and shoes.

SALES NETWORK

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Adhesive (Shanghai) Co. Ltd

We take technological innovation as the core driving force and always regard social sustainable development as the cornerstone of our business operations. With safe, reliable, and high-quality products and services, we actively promote the development of a green economy and are committed to contributing to the construction of a prosperous, dynamic, and sustainable society.

SALES&SERVICE

We have sales network and have built stable business relationship with many countries, and our products are deeply recognized and favored by many clients.



Provide service for you at a super-premium speed on the premise of quality assurance