Shanghai Dongjie Polymer Materials Co., Ltd.

Founded in 1999, Shanghai Dongjie Polymer Materials Co., Ltd. is a state-level high-tech enterprise. Mainly engaged in R&D, production and sales of new materials for reaction injection molding, lightweight body and parts. Production bases are located in Guangdong, Zhejiang, Henan and other places. The R&D center is located in Shanghai and has 12 laboratories involving mechanics, chemistry and technology. The company has 21 invention and utility model patents.

Major Products and Business

1. R & D, production and sales of M-series materials.
2. R & D, production and sales of MC nylon composites.
3. R & D, production and sales of natural fiber composites.
4. R & D, production and sales of carbon fiber Composites.
5. R & D, production and sales of materials for small ships.
6. Chemical modification of natural rubber synthetic rubber.
7. Design, production and sales of Lightweight vehicle body and lightweight auto parts.
8. Design, production and sales of materials for Wind turbine blades and chassis.
9. Design, production and sales of of automotive interior and exterior moulds.

M series materials are polymer IPN alloy materials, which are copolymerized with dicyclopentadiene (DCPD) and organosilicon elastomer by ruthenium-based double catalyst system. M series materials belong to basic polymer materials, and are better alternative materials than epoxy resins used in carbon fibers and other composites at present. Its production process is simpler (suitable for RIM, RTM, HP-RTM and pultrusion process, VARTM、 Twining), higher production efficiency, pollution-free recycling. “Dongjie”has the technology and production capacity of rectification, pyrolysis, catalysis, polymerization, equipment, moulds, moulding and product design related to M material. M series materials technology is located in the leading international level.