

Resinex™ Capabilities

Resinex™ is a division of Jacobi Carbons that offers a complete portfolio of high quality ion exchange resins. Resinex™ has hundreds of different ion exchange, adsorbent, and catalyst type products for a variety of applications. Jacobi and Resinex™ continue to be on the leading edge of carbon and resin technology by adding more products every day to meet industry needs.

Resinex™ ion exchange resins are manufactured using high quality raw materials. Each stage of the production process is monitored and subject to a detailed quality analysis. As a result of our stringent procedures, Resinex™ ion exchange resins are approved and certified to meet the requirements of several international product safety standards.

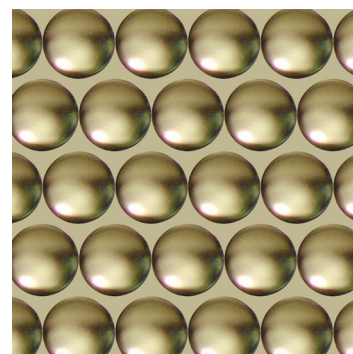
Resinex™ provides superior ion exchange resin capabilities in the following areas:

- Manufacturing
- Quality Control
- Technical Service



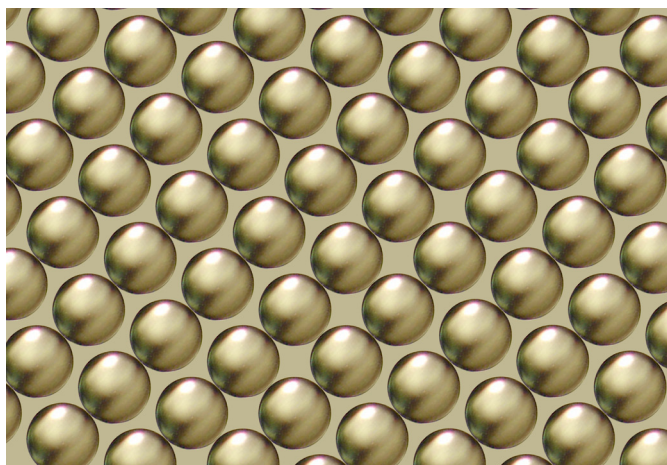
Resinex™ Product Safety Obligations and Approvals:

- ANSI/NSF61, 44 certifications
- WRAS
- DVGW
- AP-2004, 1997
- Country specific certifications and standards
- US FDA regulation CFR Section 21 § 173.25
- REACH



Manufacturing Highlights

- Selected Raw Materials: to ensure reliable quality and consistently high performance
- High Purity Specialty Materials: designed to meet individual process requirements
- Strictly Controlled Particle Size: optimized bead distribution
- Excellent Total Capacity: specifically designed to provide extended filter operating time
- High Integrity Beads: maximum resistance to mechanical breakdown and osmotic shock
- Low Pressure Drop: controlled by specific bead size distribution
- Optimized Regeneration: minimum usage of regeneration solution – improved process economics
- Specific and Customizable Bead Particle Sizes: for special applications
- Most modern resin manufacturing facilities in the world



Quality Control Highlights

Resinex™ ion exchange resins are produced under ISO 9001:2008 and 14000 environments and the quality management system criteria and procedures are widely recognized as being among the most stringent in the industry.

- All products are designed by Resinex™ formulations and specifications and manufactured in China.
- We conduct audits and monitor all manufacturers in our distribution network on a quarterly basis.
- All of our resins are self-certified (NSF, REACH, etc.)
- Resinex™ quality management system is in place at each facility.
- Resinex™ retests every resin lot produced at a Resinex™ lab ensure the best quality.
- Resinex™ conducts internal quality checks on our lab by contracting a third party resin lab to test quality and monitor our test procedures.
- Resinex™ adds value to our product line via special treatment facilities, warehousing, customer support, tech services, and more.
- Product Warranties: All warranties are guaranteed per product specifications and projected resin performance is warranted per certain operating conditions.

Technical Service Highlights

- Prompt in-house Technical Expertise
- On-site Technical Support via experienced Sales /Technical Specialists
- On-site customer Training and Seminars
- Troubleshooting of resin problems and operational issues
- Simulation design software assistance
- Resin evaluation services
- Custom Research & Development Products
- Resin Samples / Technical advice for conducting bench and/or pilot studies for specific applications
- Customer support from over 20 Jacobi offices worldwide
- Convenient worldwide stock locations
- Research and Development:
 - At this time, we are actively involved in R&D with Jacobi laboratories located at our resin manufacturing facilities, USA, Germany, and third party laboratories.

Summary:

Our value goes even further than our expertise in manufacturing, quality control and technical service. We will go above and beyond by:

- Working as a Global Team
- Sharing knowledge and ideas across the R&D team
- Planning AND completing our projects on time
- Considering our customers' needs in every project

We're proud of the applications we have developed so far, and so are our customers. But perhaps the most important application is one that we have yet to develop. Resinex™ is poised to be a leading figure in the ion exchange resin industry – join us today and find out what we can do for you!

For more information or to contact Jacobi visit: www.jacobi.net

NOTICE Due to the progressive nature of the Jacobi Carbons Group and the continually improving design and performance of our products, we reserve the right to change product specifications without prior notification. The information contained in this datasheet is intended to assist a customer in the evaluation and selection of products supplied by Jacobi Carbons. The customer is responsible for determining whether products and the information contained in this document are appropriate for customer's use. Jacobi Carbons assumes no obligation or liability for the usage of the information in this datasheet, no guarantees or warranties, expressed or implied, are provided. Jacobi Carbons disclaims responsibility and the user must accept full responsibility for performance of systems based on this data.

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