

Resinex™ NTR-600 B

Inert resin

Resinex™ NTR is a spherical inert resin, made of Polystyrene-divinylbenzene-methacrylat, especially designed for the use in mixed bed systems. The density of the polymer, combined with the special bead size distribution ensures a perfect separation of anion and cation resins, e.g. Trio-bed systems in water preparation or in mixed-bed applications during the regeneration step. The monospherical bead size distribution is designed to positioning the inert layer between the cation and anion resin after backwashing.

Typical Properties

Type	Polystyrene-divinylbenzene-methacrylat
Form	white to light yellow beads
Functional group	none
Bead size (Diameter)	0.55 - 0.65 mm
Uniformity	1.1 max.
Bulk density	670 kg/m ³
Specific gravity	approx. 1.15 g/cm ³
Stability, temperature	max. 65°C
Stability, pH	0-14
Storability	min. 3 years

Key Features and Benefits

- **Special Bead Size Distribution**
Perfect separation of cation and anion resin
- **Selected Specific Gravity**
Separation layer between cation and anion resin

Typical Applications

- **Water Treatment Systems**
Trio-bed systems
Mixed bed systems

Standard Design Conditions

Bed depth	>750 mm
Service flow rate	8-40 BV/h

Standard Packaging

- 25 lit. PE valve bag
- 1000 litre big bag



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Product Packing



25 lit. polyethylene valve bag
48 bags per pallet



Polypropylene FIBCs
(big bag), 1.000 lit.



CAUTION Strong oxidizing agents such as nitric acid can react violently with ion exchange resins and cause explosive type reactions. Before using strong oxidants, consult sources knowledgeable in the handling of these materials.



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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