

NR-1 – Nitrate Removal Media



- Specially developed for nitrate removal from potable water.
- Pre-washed, high purity, premium grade, strong basic macroporous-type anion exchange resin.
- Effective treatment in co-flow and counter-flow systems.
- High integrity beads with excellent resistance to mechanical degradation.

NR-1	Properties
<i>Type</i>	Crosslinked Polystyrene Divinylbenzene
<i>Form</i>	Macroporous, Milky White, Spherical Beads
<i>Functional Group</i>	Quaternary Ammonium
<i>Whole Bead Count</i>	95% min.
<i>Ionic Form, as shipped</i>	Cl-
<i>Bead Size</i>	0.40 - 1.25 mm
<i>Uniformity Coefficient</i>	1.60 max.
<i>Bulk Density, as shipped</i>	700kg/m ³

NR-1	Properties
<i>Real Density</i>	1.07g/cm ³
<i>Water Retention</i>	50 - 60%
<i>Total Capacity (Cl- form)</i>	0.80 eq/l min.
<i>Stability, Temperature</i>	100°C Max.
<i>Stability, pH</i>	0 - 14
<i>Bed Depth</i>	> 750 mm
<i>Service Flow Rate</i>	8 - 30 BV/h
<i>Backwash Expansion</i>	50 - 75%

