

Maxzopt, Cation exchange resin is a high capacity resin MZ100NA, resin is an excellent general purpose cation exchange resin that can be used for a wide variety of industrial water treatment applications.



1) Indexes of Physical and Chemical Properties:

Designation

Volume Exchange Capacity (meq/ml)	1.8 Min
Water Retention (%)	50-60
Wet Apparent Density (g/ml)	0.75-0.85
Particle Size (0.315-1.25 mm) passing	95%
Void Space PH	1-14
Roundness after Attrition (%)	98 Min
Appearance	Light yellow to brown
Ionic Form Supplied	Na

2) Reference Indexes for Operation

PH Range	1-14
Max. Operating Temp (°C)	H ⁺ : 100 °C Max Na ⁺ : 120 °C Max
Total Reversible Swelling (Na ⁺ → H ⁺ , %)	8-10
Concentration of Regenerate Solution	NaCl: 8-10% HCl: 4-5%
Consumption of Regenerate	NaCl: (8-10%) Vol.: Resin Vol.=1.5-2:1; HCl (4-5%) Vol.: Resin Vol.=2-3:1;
Flow Rate of Regenerate Solution (m/hr)	4-6
Regenerate Contact time (minute)	30-60
Rinse Flow Raet (m/hr)	10-20
Rinse Time (minute)	30 (approx.)
Operating Flow Rate (m/hr)	10-45



3) Packing:

PE bag, net weigh: 25 liters per bag;

4) Application

Suitable for softening and demineralization