

# Bestion® BC120

Gel strong acid cation exchange resin



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Water Quality  
ASSOCIATION

ION EXCHANGE RESIN INNOVATIONS

## Application

BC120 is a bead form polystyrene sulphonate cation exchange resin. It has excellent physical and chemical properties such as high capacity and operating capacity, lower pressure drop, The product is supplied in the sodium or hydrogen forms.

BC120 is used in all water softening, dealkalization, deionization, preparation of pure water and ultra-pure water, food industry, pharmaceuticals and chemical processing applications.

BC120 series consists of three products, BC120 for general use, BC120 FC for dual bed, double compartment bed and floating bed system; BC120 MB for mixed bed system.

### TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Styrene- DVB
Appearance	yellow spherical beads
Type	Gel strong acid cation exchange resin
Ionic form	Na <sup>+</sup>
Functional group	Sulfonic acid
Moisture Content	% 45-50%
Total Exchange Capacity	eq/L ≥1.9
Particle Size Range	0.315-1.25mm ≥95
Uniformity Coefficient	max. ≤1.6
Reversible Swelling	Na <sup>+</sup> → H <sup>+</sup> max % ≤10
Shipping Weight	g/ml 0.77-0.85
Temperature Limit	°C 100°C

### TYPICAL PACKAGING

- 25L PE bag
- 1000L Super Sacks

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40 years focused on the development and production of ion exchange resins