

# Bestion® BC120

## Gel Strong Acid Cation Exchange Resin

### Description

**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, well physical and chemical stability. 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		Clear 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 → H max %	≤10
Shipping Weight	g/ml	0.77-0.85
Temperature Limit	°C	120°C
Whole Spherical Rate After Attrition	%	≥90

#### TYPICAL PACKAGING

- 25L PE bag
- 1 Cubic feet
- 1000L Super Sacks

