

Bestion® BC122

Gel Strong Acid Cation Exchange Resin

Description

BC122 is a bead form polystyrene sulphonate cation exchange resin containing 10% DVB. 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. BC122 is used in all water softening and preparation of pure water, with excellent physical stability and anti-oxidation property.

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure		Styrene-DVB
Appearance		Clear spherical beads
Type		Gel strong acid cation exchange resin
Ionic form		Na ⁺
Functional group		sulfonic acid
Moisture Content	%	38-45%
Total Exchange Capacity	eq/L	≥2.1
Particle Size Range	0.315-1.25mm	≥95
Uniformity Coefficient	max.	≤1.6
Reversible Swelling	Na → H max %	≤10
Shipping Weight	g/ml	0.78-0.88
Temperature Limit	°C	120°C
Whole Spherical Rate After Attrition	%	≥90

TYPICAL PACKAGING

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