

Bestion® BC121H

Gel Strong Acid Cation Exchange Resin



Description

BC121H is a bead form polystyrene sulphonate cation exchange resin containing 8% 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 hydrogen form.

BC121H is used in all water dealkalization, deionization, preparation of pure water and ultra-pure water, food industry, pharmaceuticals and chemical processing applications.

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Styrene-DVB
Appearance	Clear spherical beads
Type	Gel strong acid cation exchange resin
Ionic form	H ⁺
Functional group	sulfonic acid
MoistureContent	% 51-55%
Total Exchange Capacity	eq/L ≥1.8
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 100°C
Whole Spherical Rate After Attrition	% ≥90

TYPICAL PACKAGING

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