

# Bestion® BC118H

## Strong Acid Cation Exchange Resin

### Description

**BC118H** is a premium grade, porous strong acid cation exchange resin. It is a copolymer of styrene and divinylbenzene with sulfonic acid exchange group. The unique structure allows for high operating capacity and excellent chemical and physical stability. Its matrix promotes better kinetics and better diffusion rates into and out of the bead. Due to the special surface area, pore size, it is used as catalysts in synthetic industry of Bisphenol-A synthesis etc.

#### TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Styrene-DVB
Appearance	Clear spherical beads
Type	strong acid cation exchange resin
Ionic form	H <sup>+</sup>
Functional group	sulfonic acid
Moisture Content	% 65-70
Total Exchange Capacity	eq/L ≥1.5
Particle Size Range	0.315-1.25mm ≥95
Uniformity Coefficient	max. ≤1.6
Shipping Weight	g/ml 0.72-0.76
Temperature Limit	°C 120
Whole Spherical Rate After Attrition	% ≥90

#### TYPICAL PACKAGING

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