Bestion

Ion Exchange Resins

Bestion® BCH-11

Macroporous Strong Acid Cation Exchange Resin

Description

BCH-11 is a premium grade, macroprous 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 etherification and degradation of ether chain, especially suitable for the catalytic synthesis of MTBE and TAME.

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure		Styrene-DVB
Appearance		opaque spherical beads
Type		Macroporous strong acid cation exchange resin
Ionic form		H^+
Functional group		sulfonic acid
MoistureContent	%	51-58%
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	0.75-0.85
Temperature Limit	℃	150
Whole Spherical Rate After Attrition	%	≥95

TYPICAL PACKAGING

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

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