

Bestion® BCH-11Dry

Macroporous Strong Acid Cation Exchange Resin

Description

BCH-11DRY is a premium grade, macroporous 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
Moisture Content %	≤3
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 °C	150
Whole Spherical Rate After Attrition %	≥99

TYPICAL PACKAGING

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

