



2230 South Huron Drive, Santa Ana, CA 92704 USA

Tel: 714-432-9996 Fax: 714-432-9898, E-mail: [sales@pure-aqua.com](mailto:sales@pure-aqua.com), [www.pure-aqua.com](http://www.pure-aqua.com)

## PRODUCT DATA

### ION EXCHANGE RESIN Strong Acid Cation

**Grade:** IonPlus™ CA-10

**Appearance:** Light brown spherical beads

**Description:** Standard cross-linked styrene divinylbenzene strong acid cation resin in bead form. Specially developed to eliminate taste and odor and provide excellent stability. It is primarily used for softening water in municipal and industrial water treatment.

<b><u>Typical Properties:</u></b>	Total exchange capacity	2.0 eq/l min
	Ionic form, supplied	Na
	Water retention 43	- 48%
	Screen size, U.S. Standard	16-40 mesh
	Bulk density 0.78	- 0.88 g/ml

#### **Suggested Operating Conditions:**

Operating	pH range	0 – 14
	temperature, Na	120°C max
	Total Swelling (Na → H)	8-10% max
Re	generant concentration	Na Cl: 8-10%
		HCl : 4 – 5%
Flo	w rate of regenerant	4-6 m/hr
	generant contact time	30-6 0 minutes
Operating	Rinse flow rate	10-20 m/hr
	flow rate	10-45 m/hr
	Free chlorine	1.0 mg/l max

**Packing:** 1 cubic ft. bags, 25 liter bags, 7 cubic ft. polylined drums

**FDA Regulation:** IonPlus™ CA-10 is in compliance with FDA regulation paragraph 173.25.

---