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Strong Acid Cation Resin 001X7R

This ion exchange resin is styrene and divinyl benzene copolymer cross linked with Sulfonic acid group. It is mainly used for water softening, demineralization and antibiotic extraction, etc.

Characteristics

Item		001X7R
Appearance		Yellow to tan beads
Matrix		Styrene/DVB Gel
Ionic Form		Na ⁺
Mass total exchange capacity	mmol/g(dry)	≥ 4.40
Volume total exchange capacity	mmol/ml	≥ 1.70
Moisture content	%	48.00 - 56.00
Bulk density	g/ml	0.77 - 0.87
Specific density	g/ml	1.24 - 1.29
Particle size	%	$(0.315-1.25\text{mm}) \ge 95.0$ $(<0.315\text{mm}) \le 1.0$
Whole Beads Rate	%	≥ 95.0
Uniformity coefficient		≤ 1.6

Packing: Storage:

Woven bags lined with The recommended storage plastic sheets 25L/bag temperature is $5-40^{\circ}$ C.

PE valve bags 25L/bag Prohibited exposure, dehydration,

> Supersacks 1000 L/bag contamination.