Anion Resin Type-II

Technical data sheet

Characteristics

Strong base anion exchange resin, Type II, chloride form

Appearance	Translucent red brown beads
Matrix	Styrene - EDMA copolymer
Functional group	Benzyl dimethyl ethanol amine
Ionic form as supplied	Chloride
Total exchange capacity	1.2 meq/ml, minimum
Moisture holding capacity	45 - 53 %
Shipping weight *	690 kg/m³ approximately
Particle size range	0.3 to 1.2 mm
> 1.2 mm	5.0 %, maximum
< 0.3 mm	1.0 %, maximum
Uniformity coefficient	1.7, maximum
Effective size	0.45 to 0.55 mm
Volume change	Cl to OH, 6 % approximately
Maximum operating temperature	40 °C
Operating pH range	0 to 14
Resistance to reducing agents	Good
Resistance to oxidizing agents	Generally good, chlorine should be absent

* Weight of resin, as supplied, occupying 1 m³ in a unit after backwashing and draining.