



# A-500

## TYPE I MACROPOROUS ANION EXCHANGE RESIN

**PUROLITE A-500** is a premium quality strongly basic Type I, macroporous anion exchange resin with an isoporous structure that contributes to its high capacity. **PUROLITE A-500** will provide for optimum performance in deionization and as an organic trap.

### PHYSICAL AND CHEMICAL PROPERTIES

Polymer Matrix Structure:	Macroporous, styrene/divinylbenzene
Functional Groups:	R-N(CH <sub>3</sub> ) <sub>3</sub> <sup>+</sup>
Appearance:	Opaque, spherical beads
Ionic form (as shipped):	Chloride
Whole Beads:	95% minimum
Moisture Holding Capacity:	53-58% (Cl Form)
Shipping Weight:	43 lb./ft <sup>3</sup>
Total Exchange Capacity:	1.15 meq./ml. minimum
Particle size range	16 - 50 US Standard Mesh
Uniformity Coefficient	1.7 max.
Maximum Operating Temperature:	140° F (Hydroxide form)
	212° F (Chloride form)