

# Purolite™ Puropack™ PPA510Plus

Polystyrenic Macroporous, Type II  
Strong Base Anion Resin, Chloride  
form

## PRINCIPAL APPLICATIONS

- Demineralization - Industrial Water

## ADVANTAGES

- High operating capacity
- High reversible sorptive capacity
- Excellent resistance to osmotic and physical shock

## SYSTEMS

- Packed Bed Systems

## TYPICAL PACKAGING

- 1 ft³ Sack
- 25 L Sack
- 5 ft³ Drum (Fiber)
- 1 m³ Supersack
- 42 ft³ Supersack

## TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Macroporous polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Type II Quaternary Ammonium
Ionic Form	Cl <sup>-</sup> form
Total Capacity (min.)	1.1 eq/L (24.0 Kgr/ft³) (Cl <sup>-</sup> form)
Moisture Retention	50 - 60 % (Cl <sup>-</sup> form)
Mean Diameter	750 ± 100 µm
Uniformity Coefficient	1.2 - 1.4
Reversible Swelling, Cl <sup>-</sup> → OH <sup>-</sup> (max.)	15 %
Specific Gravity	1.08
Shipping Weight (approx.)	680 - 710 g/L (42.5 - 44.4 lb/ft³)
Temperature Limit	100 °C (212.0 °F) (Cl <sup>-</sup> form)
Temperature Limit	35 °C (95.0 °F) (OH <sup>-</sup> form)

Ecolab is a global developer, manufacturer, and supplier of Purolite™ Resins including ion exchange, catalyst adsorbent and advanced polymers that make the world cleaner and healthier.

[www.puoliteresins.com](http://www.puoliteresins.com)



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