

## PRODUCT DATA SHEET

# Purolite™ WCA100

Polystyrenic Gel, Amphoteric Resin,  
Self-neutralized internal salt,  
Chromatographic Grade

## PRINCIPAL APPLICATIONS

- Separation of salts from solutions by ion retardation

## ADVANTAGES

- Controlled particle size
- Balanced cation and anion functionality

## TYPICAL PACKAGING

- 1 ft<sup>3</sup> Sack
- 25 L Sack
- 5 ft<sup>3</sup> Drum (Fiber)
- 1 m<sup>3</sup> Supersack
- 42 ft<sup>3</sup> Supersack

## TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Carboxylic acid / Quaternary ammonium
Ionic Form	Self-neutralized internal salt
Total Capacity (min.)	0.8 eq/L
Moisture Content	48 - 57 %
Particle Size (85% in the range)	260 ± 20 µm
< 210 µm (max.)	1 %
Specific Gravity	1.1
Shipping Weight (approx.)	700 - 780 g/L (43.8 - 48.8 lb/ft <sup>3</sup> )
Temperature Limit	60 °C (140.0 °F)

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)



We're ready to solve your process challenges.

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