

## PRODUCT DATA SHEET

# Puopack® PPC100x16H

Polystyrenic Gel, Strong Acid Cation Resin, Hydrogen form, High Capacity, Puopack Grade

## PRINCIPAL APPLICATIONS

- Condensate Polishing

## ADVANTAGES

- Higher selectivity for sodium than standard resins
- High operating capacity
- Superior resistance to oxidation
- Excellent physical and chemical stability

## SYSTEMS

- Condensate Polishing
- Condensate polishing mixed beds
- Condensate polishing lead cation
- High Temperature

## TYPICAL PACKAGING

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

## TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Sulfonic Acid
Ionic Form	H <sup>+</sup> form
Total Capacity	2.4 eq/L (52.4 Kgr/ft³) (H <sup>+</sup> form)
Moisture Retention	37 - 43 % (H <sup>+</sup> form)
Mean Diameter	650 ± 50 µm
Uniformity Coefficient (max.)	1.2
Reversible Swelling, Na <sup>+</sup> → H <sup>+</sup> (max.)	3 %
Specific Gravity	1.23
Shipping Weight (approx.)	770 - 810 g/L (48.1 - 50.6 lb/ft³)
Temperature Limit	120 °C (248.0 °F)



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