

## PRODUCT DATA SHEET

# Puropack® PPA100Plus

Polystyrenic Macroporous Weak  
Base Anion Resin Free Base  
form, Packed Bed Grade

## PRINCIPAL APPLICATIONS

- Demineralization

## ADVANTAGES

- Excellent mechanical and osmotic stability

## SYSTEMS

- Packed Bed Systems

## TYPICAL PACKAGING

- 1 CF Sack
- 25 L Sack
- 5 CF Drum (Fiber)
- 1 M³ Supersack
- 42 CF Supersack

## TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

|                                      |                                                         |
|--------------------------------------|---------------------------------------------------------|
| Polymer Structure                    | Macroporous polystyrene crosslinked with divinylbenzene |
| Appearance                           | Spherical beads                                         |
| Functional Group                     | Tertiary Amine                                          |
| Ionic Form                           | FB                                                      |
| Total Capacity                       | 1.3 eq/L (28.4 Kgr/ft³) (FB form)                       |
| SBC                                  | 10 - 20 %                                               |
| Moisture Retention                   | 53 - 62 % (Cl⁻ form)                                    |
| Mean Diameter                        | 750 ± 100 µm                                            |
| Uniformity Coefficient               | 1.2 - 1.4                                               |
| Reversible Swelling, FB → Cl⁻ (max.) | 25 %                                                    |
| Specific Gravity                     | 1.04                                                    |
| Shipping Weight (approx.)            | 650 - 680 g/L (40.6 - 42.5 lb/ft³)                      |
| Temperature Limit                    | 100 °C (212.0 °F) (Cl⁻ form)                            |
| Temperature Limit                    | 60 °C (140.0 °F) (FB form)                              |



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