

## PRODUCT DATA SHEET

# Purofine® PFA300

Polystyrenic Gel, Type II Strong  
Base Anion Resin, Chloride form,  
Uniform Particle Size

## PRINCIPAL APPLICATIONS

- Demineralization - Industrial

## ADVANTAGES

- High operating capacity
- High regeneration efficiency
- Uniform particle size



## REGULATORY APPROVALS

- Certified by the WQA to NSF/ANSI-61 Standard

## 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  | Type II Quaternary Ammonium                                 |
| Ionic Form  | Cl <sup>-</sup> form  |
| Total Capacity  | 1.4 eq/L (30.6 Kgr/ft <sup>3</sup> ) (Cl <sup>-</sup> form) |
| Moisture Retention  | 40 - 45 % (Cl <sup>-</sup> form)                            |
| Mean Diameter   | 570 ± 50 µm   |
| Uniformity Coefficient  | 1.1 - 1.2   |
| Reversible Swelling, Cl <sup>-</sup> → OH <sup>-</sup> (max.) | 10 %  |
| Specific Gravity  | 1.09  |
| Shipping Weight (approx.)                                     | 675 - 700 g/L (42.2 - 43.8 lb/ft <sup>3</sup> )             |
| Temperature Limit   | 85 °C (185.0 °F) (Cl <sup>-</sup> form)                     |
| Temperature Limit   | 35 °C (95.0 °F) (OH <sup>-</sup> form)                      |



**LENNTECH**

info@lennotech.com Tel. +31-152-610-900  
www.lennotech.com Fax. +31-152-616-289