

## PRODUCT DATA SHEET

# Purofine® PFA103Plus

Polystyrenic Macroporous, Weak  
Base Anion Resin, Free Base form,  
Uniform Particle Size

## PRINCIPAL APPLICATIONS

- Demineralization

## ADVANTAGES

- Uniform particle size

## 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

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## TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

|  |   |
|--|---|
| Polymer Structure                                | Macroporous polystyrene crosslinked with divinylbenzene |
| Appearance                                       | Spherical Beads   |
| Functional Group                                 | Tertiary Amine  |
| Ionic Form                                       | FB form   |
| Total Capacity                                   | 1.5 eq/L (32.8 Kgr/ft <sup>3</sup> ) (FB form)          |
| SBC  | 12 - 20 %   |
| Moisture Retention                               | 51 - 58 % (Cl <sup>-</sup> form)                        |
| Mean Diameter                                    | 570 ± 50 µm   |
| Uniformity Coefficient                           | 1.1 - 1.2   |
| Reversible Swelling, FB → Cl <sup>-</sup> (max.) | 25 %  |
| Specific Gravity                                 | 1.04  |
| Shipping Weight (approx.)                        | 625 - 645 g/L (39.1 - 40.3 lb/ft <sup>3</sup> )         |
| Temperature Limit                                | 100 °C (212.0 °F) (Cl <sup>-</sup> form)                |
| Temperature Limit                                | 60 °C (140.0 °F) (FB form)                              |



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