

PRODUCT DATA SHEET

Purofine® PFA300MB

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

PRINCIPAL APPLICATIONS

- Demineralization
- Mixed Bed anion component

ADVANTAGES

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

SYSTEMS

- Working Mixed Bed

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	Type II Quaternary Ammonium
Ionic Form	Cl ⁻ form
Total Capacity	1.4 eq/L (30.6 Kgr/ft ³) (Cl ⁻ form)
Moisture Retention	40 - 45 % (Cl ⁻ form)
Mean Diameter	570 ± 50 µm
Uniformity Coefficient	1.1 - 1.2
Reversible Swelling, Cl ⁻ → OH ⁻ (max.)	20 %
Specific Gravity	1.09
Shipping Weight (approx.)	675 - 700 g/L (42.2 - 43.8 lb/ft ³)
Temperature Limit	85 °C (185.0 °F) (Cl ⁻ form)
Temperature Limit	35 °C (95.0 °F) (OH ⁻ form)



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