

## PRODUCT DATA SHEET

# Purofine® PFA847

Polyacrylic Gel, Weak Base Anion  
Resin, Free Base form, Uniform  
Particle Size

## PRINCIPAL APPLICATIONS

- Demineralization - High organics water

## ADVANTAGES

- High operating capacity
- Uniform particle size
- Efficient regeneration
- Low Rinse Volumes
- High purity

## REGULATORY APPROVALS

- IFANCA Halal Certified

## 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 polyacrylic crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Tertiary Amine
Ionic Form	FB form
Total Capacity	1.6 eq/L (35.0 Kgr/ft <sup>3</sup> ) (FB form)
Moisture Retention	56 - 62 % (FB form)
Mean Diameter	570 ± 50 µm
Uniformity Coefficient	1.1 - 1.2
Irreversible Swelling (max.)	5 %
Reversible Swelling, FB → Cl <sup>-</sup> (max.)	25 %
Specific Gravity	1.08
Shipping Weight (approx.)	645 - 675 g/L (40.3 - 42.2 lb/ft <sup>3</sup> )
Temperature Limit	40 °C (104.0 °F) (FB form)



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