

PRODUCT DATA SHEET

Purofine® PFA847S

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

PRINCIPAL APPLICATIONS

- Decolorization - Sugar Solutions
- Natural-Organic-Matter-(NOM)-
Removal
- Organic Acid Purification

ADVANTAGES

- Efficient regeneration
- Uniform particle size
- Good resistance to organic fouling
- High operating capacity

REGULATORY APPROVALS

- Kosher Certified
- IFANCA Halal Certified
- LPPOM MUI Halal Certified

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 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 ³) (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 ⁻ (max.)	25 %
Specific Gravity	1.08
Shipping Weight (approx.)	645 - 675 g/L (40.3 - 42.2 lb/ft ³)
Temperature Limit	40 °C (104.0 °F) (FB form)



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