

PRODUCT DATA SHEET

Puopack® PPA847

Polyacrylic Gel, Weak Base Anion
Resin, Free Base form, Packed Bed
Grade

PRINCIPAL APPLICATIONS

- Demineralization - High organics water

ADVANTAGES

- Excellent chemical and thermal stability
- Excellent resistance to osmotic shock
- Low Rinse Volumes
- High purity

SYSTEMS

- Packed Bed Systems

REGULATORY APPROVALS

- IFANCA 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	750 ± 100 µm
Uniformity Coefficient	1.2 - 1.4
Irreversible Swelling (max.)	5 %
Reversible Swelling, FB → Cl ⁻ (max.)	25 %
Specific Gravity	1.08
Shipping Weight (approx.)	670 - 700 g/L (41.9 - 43.8 lb/ft ³)
Temperature Limit	40 °C (104.0 °F) (FB form)



Americas
T +1 610 668 9090
F +1 610 668 8139
americas@purolite.com

EMEA
T +44 1443 229334
F +44 1443 227073
europe@purolite.com

Asia Pacific
T +86 571 876 31382
F +86 571 876 31385
asiapacific@purolite.com

FSU
T +7 495 363 5056
F +7 495 564 8121
fsu@purolite.com

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Americas

T +1 610 668 9090
F +1 610 668 8139
americas@purolite.com

EMEA

T +44 1443 229334
F +44 1443 227073
europa@purolite.com

Asia Pacific

T +86 571 876 31382
F +86 571 876 31385
asiapacific@purolite.com

FSU

T +7 495 363 5056
F +7 495 564 8121
fsu@purolite.com