

## PRODUCT DATA SHEET

# Purolite® A830FL

Polyacrylic Macroporous, Weak Base  
Anion Resin, Free Base form

## PRINCIPAL APPLICATIONS

- Special applications
- Mineral Acids Removal
- Organic Acids Removal

## ADVANTAGES

- Very high operating capacity
- Excellent resistance to osmotic shock
- Excellent mechanical strength

## REGULATORY APPROVALS

- Kosher 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	Macroporous polyacrylic crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Complex Amine
Ionic Form	FB form
Total Capacity	2.75 eq/L (60.1 Kgr/ft <sup>3</sup> ) (FB form)
SBC	0 - 5 %
Moisture Retention	50 - 56 % (FB form)
Particle Size Range	425 - 1000 µm
Uniformity Coefficient (max.)	1.5
Reversible Swelling, FB → Cl <sup>-</sup> (max.)	20 %
Specific Gravity	1.1
Shipping Weight (approx.)	690 - 725 g/L (43.1 - 45.3 lb/ft <sup>3</sup> )
Temperature Limit	35 °C (95.0 °F) (FB form)



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