

Purolite™ Purofine™ PFA400MBOH

Polystyrenic Gel, Type I Strong Base
Anion Resin, Hydroxide form,
Uniform Particle Size, Mixed Bed
Grade

PRINCIPAL APPLICATIONS

- Demineralization
- Mixed Bed anion component

ADVANTAGES

- High operating capacity
- Good resistance to organic fouling
- Uniform particle size
- Antistat treated for easier separation from cation component

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 I Quaternary Ammonium
Ionic Form	OH ⁻
Total Capacity (min.)	1.3 eq/L (28.4 Kgr/ft ³) (Cl ⁻ form)
Moisture Retention	48 - 54 % (Cl ⁻ form)
Mean Diameter	625 ± 55 µm
Uniformity Coefficient	1.1 - 1.2
Reversible Swelling, Cl ⁻ → OH ⁻ (max.)	30 %
Specific Gravity	1.07
Shipping Weight (approx.)	670 - 700 g/L (41.9 - 43.8 lb/ft ³)
Temperature Limit	100 °C (212.0 °F) (Cl ⁻ form)
Temperature Limit	60 °C (140.0 °F) (OH ⁻ form)

Ecolab is a global developer, manufacturer, and supplier of Purolite™ Resins including ion exchange, catalyst adsorbent and advanced polymers that make the world cleaner and healthier.

www.puoliteresins.com



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