

PRODUCT DATA SHEET

Purolite™ Purofine™ PFA400OH

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

PRINCIPAL APPLICATIONS

- Demineralization - Industrial Water

ADVANTAGES

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

TYPICAL PACKAGING

- 1 CF Box
- 5 ft³ Drum (Fiber)

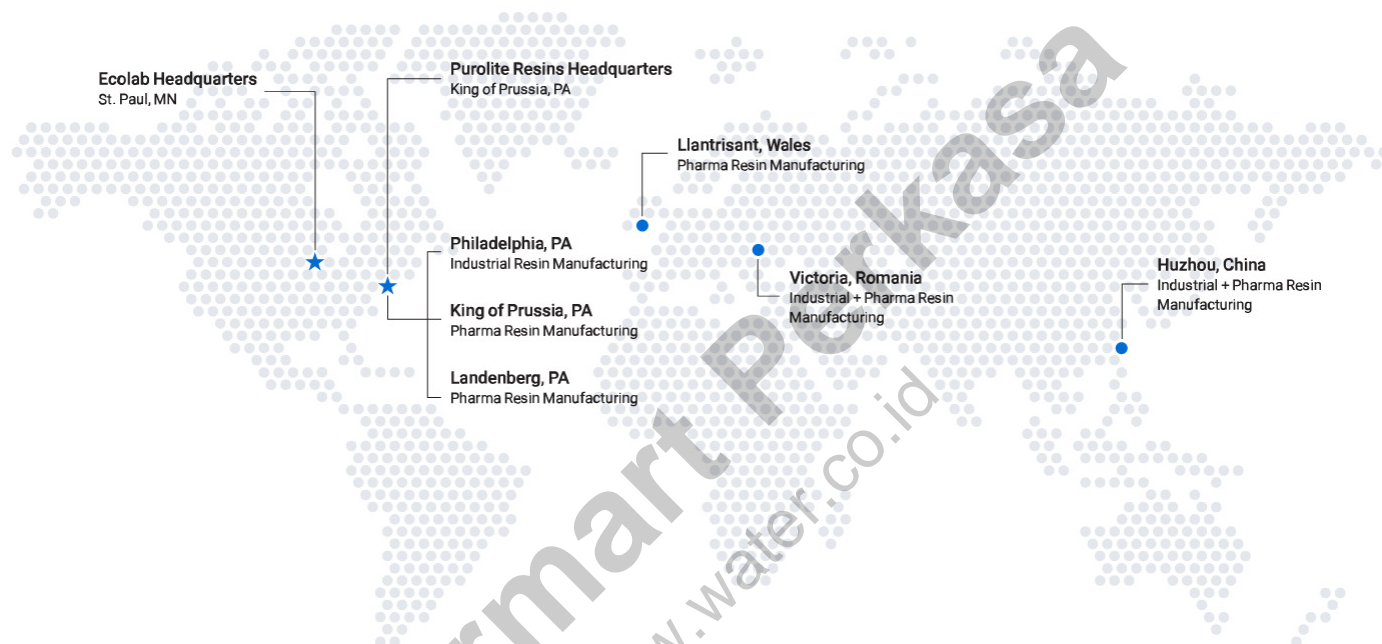
TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Type I Quaternary Ammonium
Ionic Form	OH ⁻ form
Total Capacity (min.)	1.3 eq/L (28.4 Kgr/ft³) (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.)	655 - 675 g/L (40.9 - 42.2 lb/ft³)
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



We're ready to solve your process challenges.

For further information on products and services, visit www.puoliteresins.com or complete a Contact Us form via PuoliteResins.com/contact-us or use the QR code.

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www.puoliteresins.com



PT Watermart Perkasa
Email: sales@water.co.id Phone: +62-21-316-1671
Whatsapp (text only): +62815-8609-3500
Website: www.water.co.id