

Purolite™ Shallow Shell™ SSTPPC80

Polystyrenic Gel, Strong Acid Cation
Resin, Sodium form, Shallow Shell™
Technology*, Puropack Grade

PRINCIPAL APPLICATIONS

- Softening - Industrial

ADVANTAGES

- SST shorter diffusion path benefits:
- Highest regeneration efficiency
- Very low leakage
- Highly resistant to iron fouling
- Low Rinse Volumes
- Lower operating costs
- Excellent physical and chemical stability

SYSTEMS

- Packed Bed Systems

TYPICAL PACKAGING

- 1 ft³ Sack
- 5 ft³ Sack
- 5 ft³ Drum

* SST™ is a registered trademark of Ecolab

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Sulfonic Acid
Ionic Form	Na ⁺ form
Dry Weight Capacity (min.)	4.0 eq/kg (Na ⁺ form)
Moisture Retention	42 - 48 % (Na ⁺ form)
Mean Diameter	650 ± 50 µm
Uniformity Coefficient (max.)	1.25
Reversible Swelling, Na ⁺ → H ⁺ (max.)	6 %
Specific Gravity	1.2
Shipping Weight (approx.)	775 - 825 g/L (48.4 - 51.6 lb/ft³)
Temperature Limit	100 °C (212.0 °F)

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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