

PRODUCT DATA SHEET

Shallow Shell™ SSTPPA64

Polystyrenic Gel, Type I Strong
Base Anion Resin, Chloride form,
Shallow Shell™ Technology*,
Puropack Grade



PRINCIPAL APPLICATIONS

- Demineralization
- Silica Removal

ADVANTAGES

- Highest regeneration efficiency
- Very low silica leakage

SYSTEMS

- Packed Bed Systems
- Coflow regenerated systems
- Potable water treatment

REGULATORY APPROVALS

- Certified by the WQA to NSF/ANSI-61 Standard

TYPICAL PACKAGING

- 1 ft³ Sack
- 25 L Sack
- 5 ft³ Drum (Fiber)
- 1 m³ Supersack
- 42 ft³ Supersack

* SST® is a registered trademark of Purolite Corporation.

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

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|---|---|
| Polymer Structure | Gel polystyrene crosslinked with divinylbenzene |
| Appearance | Spherical Beads |
| Functional Group | Type I Quaternary Ammonium |
| Ionic Form | Cl ⁻ form |
| Dry Weight Capacity (min.) | 2.7 eq/kg (Cl ⁻ form) |
| Moisture Retention | 43 - 51 % (Cl ⁻ form) |
| Mean Diameter | 650 ± 50 µm |
| Uniformity Coefficient (max.) | 1.3 |
| Reversible Swelling, Cl ⁻ → OH ⁻ (max.) | 20 % |
| Specific Gravity | 1.08 |
| Shipping Weight (approx.) | 670 - 710 g/L (41.9 - 44.4 lb/ft³) |
| Temperature Limit | 60 °C (140.0 °F) |



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