PRODUCT DATA SHEET

Shallow Shell™ SSTPFA64

Polystyrenic Gel, Type I Strong Base Anion Resin, Chloride form, Shallow Shell™ Technology*, Uniform Particle Size

LENNTECH
WATER TREATMENT SOLUTIONS

PRINCIPAL APPLICATIONS

- Demineralization
- Silica Removal

ADVANTAGES

- Highest regeneration efficiency
- Very low silica leakage

SYSTEMS

- Coflow regenerated systems
- Counterflow 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:

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	570 ± 50 µm
Uniformity Coefficient (max.)	1.1
Reversible Swelling, $Cl^- \rightarrow OH^-$ (max.)	20 %
Specific Gravity	1.08
Shipping Weight (approx.)	660 - 700 g/L (41.2 - 43.8 lb/ft³)
Temperature Limit	60 °C (140.0 °F)

Purolite®

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