PRODUCT DATA SHEET

Shallow Shell™ SSTPFA63

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

LENNTECH
WATER TREATMENT SOLUTIONS

PRINCIPAL APPLICATIONS

- Demineralization
- Silica Removal

ADVANTAGES

- Highest regeneration efficiency
- Very low silica leakage

SYSTEMS

- Coflow regenerated systems
- Counterflow regenerated systems

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 II Quaternary Ammonium
Ionic Form	Cl^- form
Dry Weight Capacity (min.)	2.6 eq/kg (Cl^- form)
Moisture Retention	37 - 45 % (Cl^- form)
Mean Diameter	570 ± 50 µm
< 300 µm (max.)	1 %
Uniformity Coefficient (max.)	1.1
Reversible Swelling, $Cl^- \rightarrow OH^-$ (max.)	10 %
Specific Gravity	1.12
Shipping Weight (approx.)	670 - 710 g/L (41.9 - 44.4 lb/ft³)
Temperature Limit	35 °C (95.0 °F)

Purolite®

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