

## 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

- SST shorter diffusion path benefits:
- Highest regeneration efficiency
- Very low leakage
- Lower rinse volumes
- Lower operating costs
- Excellent physical/chemical stability

## 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:

Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Type I Quaternary Ammonium
Ionic Form	Cl <sup>-</sup> form
Dry Weight Capacity (min.)	2.7 eq/kg (Cl <sup>-</sup> form)
Moisture Retention	43 - 51 % (Cl <sup>-</sup> form)
Mean Diameter	650 ± 50 µm
Uniformity Coefficient (max.)	1.3
Reversible Swelling, Cl <sup>-</sup> → OH <sup>-</sup> (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)



**Americas**  
T +1 610 668 9090  
F +1 610 668 8139  
americas@purolite.com

**EMEA**  
T +44 1443 229334  
F +44 1443 227073  
europe@purolite.com

**Asia Pacific**  
T +86 571 876 31382  
F +86 571 876 31385  
asiapacific@purolite.com

**FSU**  
T +7 495 363 5056  
F +7 495 564 8121  
fsu@purolite.com

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**Americas**

T +1 610 668 9090  
F +1 610 668 8139  
[americas@purolite.com](mailto:americas@purolite.com)

**EMEA**

T +44 1443 229334  
F +44 1443 227073  
[europa@purolite.com](mailto:europa@purolite.com)

**Asia Pacific**

T +86 571 876 31382  
F +86 571 876 31385  
[asiapacific@purolite.com](mailto:asiapacific@purolite.com)

**FSU**

T +7 495 363 5056  
F +7 495 564 8121  
[fsu@purolite.com](mailto:fsu@purolite.com)