

Purolite™ Shallow Shell™ SSTPCR642Ca

Polystyrenic Gel, Strong Acid Cation Resin, Calcium form, Chromatographic Grade Shallow Shell™ Technology

PRINCIPAL APPLICATIONS

- Fructose enrichment
- Maltitol separation

ADVANTAGES

- Shorter diffusion path allows sharper separation profile by Shallow Shell™ Technology
- High bead integrity between styrene-DVB inert core and functionalized shell
- Higher crush strength due to inert core
- Lower elution water requirement
- Higher product recovery
- Higher product purity

REGULATORY APPROVALS

- Kosher Certified
- IFANCA Halal Certified

TYPICAL PACKAGING

- 1 m³ Supersack
- 42 ft³ Supersack
- Bulk Tanker (NA only)

* 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	Ca ⁺⁺
Mean Diameter	315 ± 20 µm
Uniformity Coefficient (max.)	1.15
Conversion (min.)	99 %
Specific Gravity	1.23
Shipping Weight (approx.)	740 - 800 g/L (46.2 - 50.0 lb/ft³)
Temperature Limit	120 °C (248.0 °F) (H ⁺ form)

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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