

## PRODUCT DATA SHEET

# Supergel™ SGA550SO4

Polystyrenic Gel, Type I Strong Base  
Anion Resin, Sulfate form, Supergel  
™, Uniform Particle Size

## PRINCIPAL APPLICATIONS

- Condensate Polishing

## TYPICAL PACKAGING

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

\* Grade with antistat treatment is available as SGA550MBSO4

## TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Type I Quaternary Ammonium
Ionic Form	SO <sub>4</sub> <sup>2-</sup>
Total Capacity	1.4 eq/L (30.6 Kgr/ft³) (Cl <sup>-</sup> form)
Moisture Retention	43 - 48 %
Mean Diameter	550 ± 50 µm
Uniformity Coefficient	1.1 - 1.2
Reversible Swelling, Cl <sup>-</sup> → OH <sup>-</sup> (max.)	24 %
Specific Gravity	1.09
Shipping Weight (approx.)	670 - 710 g/L (41.9 - 44.4 lb/ft³)
Temperature Limit	100 °C (212.0 °F) (Cl <sup>-</sup> form)
Temperature Limit	60 °C (140.0 °F) (OH <sup>-</sup> form)



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