

Supergel™ SGA550MB

Polystyrenic Gel Type I Strong
Base Anion Resin Chloride form,
Supergel™, Mixed Bed Grade

PRINCIPAL APPLICATIONS

- Condensate Polishing

ADVANTAGES

- Uniform Particle Size
- Antistat treated for easier separation from cation component

TYPICAL PACKAGING

- 1 CF Sack
- 25 L Sack
- 5 CF Drum (Fiber)
- 1 M³ Supersack
- 42 CF Supersack

* Grade without antistat treatment is available as SGA550

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical beads
Functional Group	Type I Quaternary Ammonium
Ionic Form	Cl ⁻
Total Capacity	1.4 eq/L (30.6 Kgr/ft ³) (Cl ⁻ form)
Moisture Retention	43 - 48 %
Mean Diameter	550 ± 50 µm
Uniformity Coefficient	1.1 - 1.2
Reversible Swelling, Cl ⁻ → OH ⁻ (max.)	24 %
Specific Gravity	1.09
Shipping Weight (approx.)	670 - 710 g/L (41.9 - 44.4 lb/ft ³)
Temperature Limit	100 °C (212.0 °F) (Cl ⁻ form)
Temperature Limit	60 °C (140.0 °F) (OH ⁻ form)



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