

## PRODUCT DATA SHEET

# Purolite® Bromide Plus /9218

Polystyrenic Gel, Chloride form

## PRINCIPAL APPLICATIONS

- Bromide Ion Removal

## REGULATORY APPROVALS

- Certified by the WQA to NSF/ANSI-61 Standard

## TYPICAL PACKAGING

- 1 ft<sup>3</sup> Sack
- 25 L Sack
- 5 ft<sup>3</sup> Drum (Fiber)
- 1 m<sup>3</sup> Supersack
- 42 ft<sup>3</sup> Supersack



## TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

|   |   |
|---|---|
| Polymer Structure   | Gel polystyrene crosslinked with divinylbenzene |
| Appearance  | Spherical Beads                                 |
| Functional Group  | Proprietary                                     |
| Ionic Form  | Cl <sup>-</sup> form                            |
| Dry Weight Capacity (min.)                                    | 2.6 eq/kg (Cl <sup>-</sup> form)                |
| Moisture Retention  | 37 - 45 % (Cl <sup>-</sup> form)                |
| Particle Size Range   | 570 ± 50 µm                                     |
| < 300 µm (max.)   | 1 %   |
| Uniformity Coefficient (max.)                                 | 1.2   |
| Reversible Swelling, Cl <sup>-</sup> → OH <sup>-</sup> (max.) | 10 %  |
| Specific Gravity  | 1.12  |
| Shipping Weight (approx.)                                     | 670 - 710 g/L (41.9 - 44.4 lb/ft <sup>3</sup> ) |



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