PRODUCT DATA SHEET

Purolite™ Purofine™ PFA500MBOHPlus

Polystyrenic Macroporous, Type I Strong Base Anion Resin, Hydroxide form, Uniform Particle Size, Mixed Bed Grade

PRINCIPAL APPLICATIONS

- Demineralization
- Mixed Bed anion component

ADVANTAGES

- Antistat treated for easier separation from cation component
- High regeneration efficiency
- Uniform particle size
- Good resistance to organic fouling
- Enhanced resistance to thermal and osmotic shock

SYSTEMS

- Regenerable mixed beds
- Working Mixed Bed
- Polishing Mixed Bed

TYPICAL PACKAGING

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

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Macroporous polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Type I Quaternary Ammonium
Ionic Form	OH^- form
Total Capacity (min.)	1.1 eq/L (24.0 Kgr/ft³) (Cl^- form)
Moisture Retention	54 - 65 % (Cl^- form)
Mean Diameter	605 ± 55 µm
Uniformity Coefficient	1.1 - 1.2
Reversible Swelling, $Cl^- \rightarrow OH^-$ (max.)	20 %
Specific Gravity	1.07
Shipping Weight (approx.)	650 - 700 g/L (40.6 - 43.8 lb/ft³)
Temperature Limit	100 °C (212.0 °F) (Cl^- form)
Temperature Limit	65 °C (149.0 °F) (OH^- form)

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