

# Purofine® PFA503OH

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

## PRINCIPAL APPLICATIONS

- Demineralization

## ADVANTAGES

- High operating capacity

## TYPICAL PACKAGING

- 1 CF Box
- 5 ft³ Drum (Fiber)

## TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Macroporous polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Type I Quaternary Ammonium
Ionic Form	Cl <sup>-</sup> form
Total Capacity	1 eq/L (21.8 Kgr/ft³) (Cl <sup>-</sup> form)
Mean Diameter	605 ± 55 µm
Uniformity Coefficient	1.1 - 1.2
Moisture Retention	61 - 66 % (Cl <sup>-</sup> form)
Specific Gravity	1.07
Shipping Weight (approx.)	650 - 690 g/L (40.6 - 43.1 lb/ft³)
Reversible Swelling, Cl <sup>-</sup> → OH <sup>-</sup> (max.)	20 %
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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