

## PRODUCT DATA SHEET

# Purofine® PFA400OH

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

## PRINCIPAL APPLICATIONS

- Demineralization - Industrial Water

## ADVANTAGES

- High operating capacity
- Good resistance to organic fouling
- Uniform particle size
- Efficient regeneration

## TYPICAL PACKAGING

- 1 CF Box
- 5 ft<sup>3</sup> Drum (Fiber)

## TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Type I Quaternary Ammonium
Ionic Form	OH <sup>-</sup> form
Total Capacity (min.)	1.3 eq/L (28.4 Kgr/ft <sup>3</sup> ) (Cl <sup>-</sup> form)
Moisture Retention	48 - 54 % (Cl <sup>-</sup> form)
Mean Diameter	625 ± 55 µm
Uniformity Coefficient	1.1 - 1.2
Reversible Swelling, Cl <sup>-</sup> → OH <sup>-</sup> (max.)	30 %
Specific Gravity	1.07
Shipping Weight (approx.)	655 - 675 g/L (40.9 - 42.2 lb/ft <sup>3</sup> )
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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