

## PRODUCT DATA SHEET

# Purofine® PFA503

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

## PRINCIPAL APPLICATIONS

- Demineralization

## ADVANTAGES

- High operating capacity
- Uniform particle size



## REGULATORY APPROVALS

- IFANCA Halal Certified

## 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	Macroporous polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Type I Quaternary Ammonium
Ionic Form	Cl <sup>-</sup> form
Moisture Retention	61 - 66 % (Cl <sup>-</sup> form)
Total Capacity	1 eq/L (21.8 Kgr/ft <sup>3</sup> ) (Cl <sup>-</sup> form)
Mean Diameter	570 ± 50 µm
Uniformity Coefficient (max.)	1.2
Reversible Swelling, Cl <sup>-</sup> → OH <sup>-</sup> (max.)	20 %
Specific Gravity	1.08
Shipping Weight (approx.)	670 - 690 g/L (41.9 - 43.1 lb/ft <sup>3</sup> )
Temperature Limit	100 °C (212.0 °F) (Cl <sup>-</sup> form)
Temperature Limit	61 °C (141.8 °F) (OH <sup>-</sup> form)



**LENNTECH**

info@lennotech.com Tel. +31-152-610-900  
www.lennotech.com Fax. +31-152-616-289