

## PRODUCT DATA SHEET

# Purolite® A200

Polystyrenic Gel, Type II Strong  
Base Anion Resin, Chloride form

### PRINCIPAL APPLICATIONS

- Demineralization - Industrial Water
- Acid Removal
- Chloride dealkalization
- Alkalinity Removal

### ADVANTAGES

- High operating capacity
- High regeneration efficiency
- Lower rinse volumes
- Good kinetic performance

### SYSTEMS

- Coflow regenerated systems

### REGULATORY APPROVALS

- IFANCA Halal Certified
- LPPOM MUI Halal Certified
- Kosher Certified
- Certified by the WQA to NSF/ANSI-61 Standard

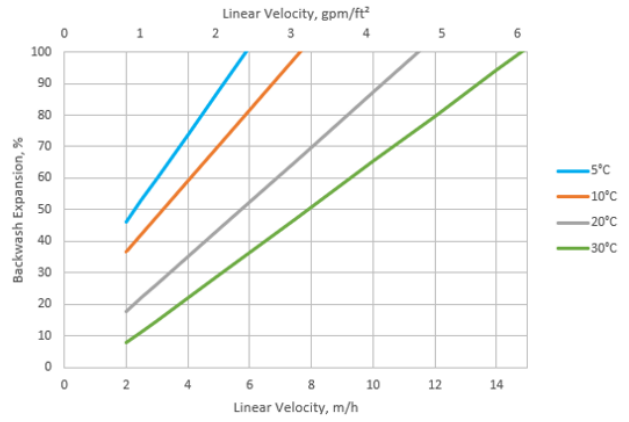
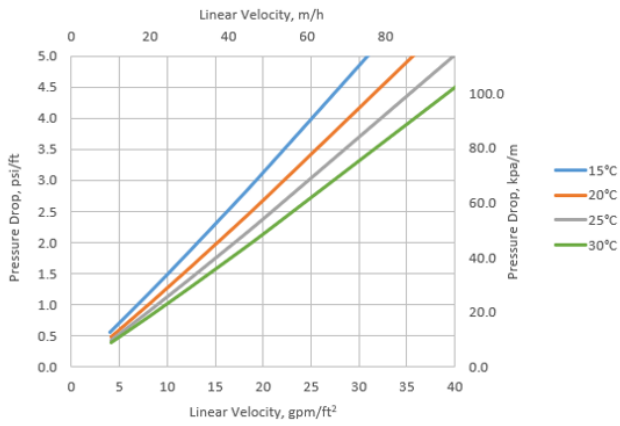
### TYPICAL PACKAGING

- 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
- Bulk Tanker (NA only)

### TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Type II Quaternary Ammonium
Ionic Form	Cl <sup>-</sup> form
Total Capacity (min.)	1.3 eq/L (28.4 Kgr/ft <sup>3</sup> ) (Cl <sup>-</sup> form)
Moisture Retention	45 - 51 % (Cl <sup>-</sup> form)
Particle Size Range	300 - 1200 µm
< 300 µm (max.)	1 %
Uniformity Coefficient (max.)	1.7
Reversible Swelling, Cl <sup>-</sup> → OH <sup>-</sup> (max.)	20 %
Specific Gravity	1.08
Shipping Weight (approx.)	680 - 715 g/L (42.5 - 44.7 lb/ft <sup>3</sup> )
Temperature Limit	85 °C (185.0 °F) (Cl <sup>-</sup> form)
Temperature Limit	35 °C (95.0 °F) (OH <sup>-</sup> form)

# Hydraulic Characteristics





Algeria  
Australia  
Bahrain  
Brazil  
Canada  
China  
Czech Republic  
France  
Germany

India  
Indonesia  
Israel  
Italy  
Japan  
Jordan  
Kazakhstan  
Korea  
Malaysia

Mexico  
Morocco  
New Zealand  
Poland  
Romania  
Russia  
Singapore  
Slovak Republic  
South Africa

Spain  
Taiwan  
Tunisia  
Turkey  
UK  
Ukraine  
USA  
Uzbekistan



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