

## PRODUCT DATA SHEET

# Purolite® A520E

Polystyrenic Macroporous,  
Quaternary Ammonium Strong Base  
Anion Resin, Chloride form, Potable  
Water Grade

## PRINCIPAL APPLICATIONS

- Nitrate Removal

## REGULATORY APPROVALS

- French Health Ministry Approval for Potable Water Treatment
- Kosher Certified
- Certified by the WQA to NSF/ANSI-61 Standard
- Drinking Water Inspectorate Approved for Use in Public Water Supply in the UK
- Water Regulations Advisory Scheme Approved

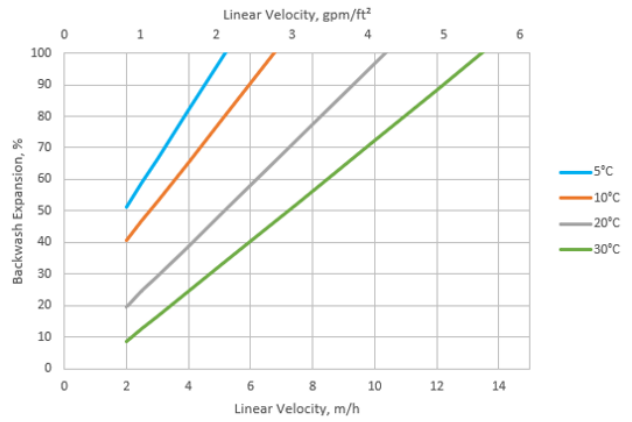
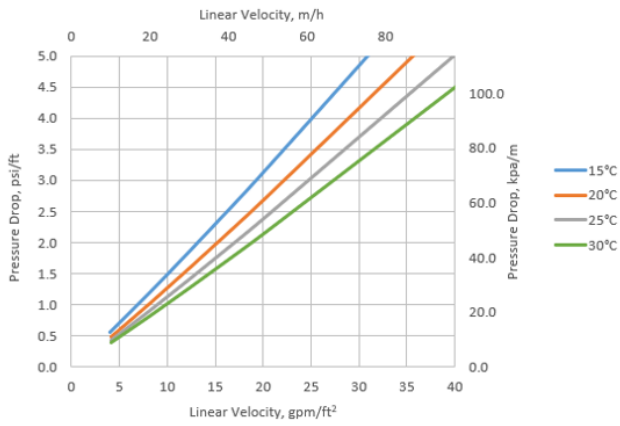
## TYPICAL PACKAGING

- 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	Quaternary Ammonium
Ionic Form	Cl <sup>-</sup> form
Total Capacity (min.)	0.9 eq/L (19.7 Kgr/ft <sup>3</sup> ) (Cl <sup>-</sup> form)
Moisture Retention	50 - 56 % (Cl <sup>-</sup> form)
Particle Size Range	300 - 1200 µm
< 300 µm (max.)	1 %
Uniformity Coefficient (max.)	1.7
Specific Gravity	1.07
Shipping Weight (approx.)	675 - 705 g/L (42.2 - 44.1 lb/ft <sup>3</sup> )
Temperature Limit	100 °C (212.0 °F) (Cl <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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