

# Purolite® CT151

Polystyrenic Macroporous, Strong  
Acid Cation Resin, Hydrogen form,  
Catalyst

## PRINCIPAL APPLICATIONS

- Etherification
- Aromatic Alkylation
- Phenol Purification

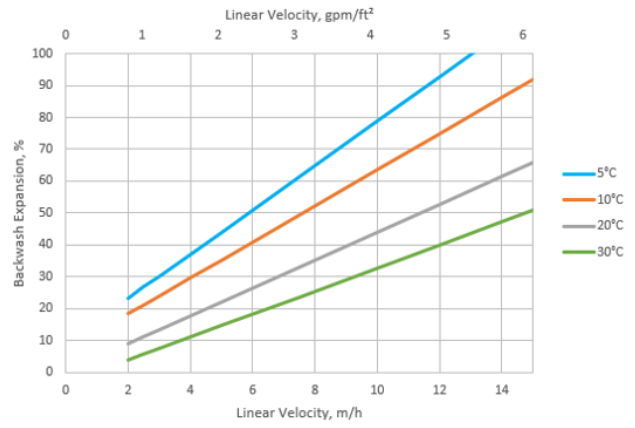
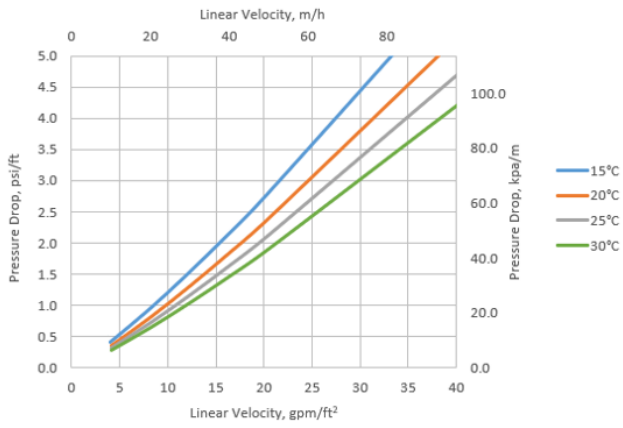
## TYPICAL PACKAGING

- 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	Sulfonic Acid
Ionic Form	H <sup>+</sup> form
Dry Weight Capacity (min.)	5.1 eq/kg (H <sup>+</sup> form)
Moisture Retention	54 - 59 % (H <sup>+</sup> form)
Particle Size Range	425 - 1200 µm
< 425 µm (max.)	2 %
Uniformity Coefficient (max.)	1.7
Surface Area	15 - 25 m <sup>2</sup> /g
Pore Volume	0.15 - 0.3 mL/g
Median Pore Diameter	250 - 400 Å
Specific Gravity	1.18
Shipping Weight (approx.)	740 - 775 g/L (46.2 - 48.4 lb/ft <sup>3</sup> )
Temperature Limit	150 °C (302.0 °F)

# 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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