

## PRODUCT DATA SHEET

# Purolite® CT151/2744

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

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WATER TREATMENT Solutions

## 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	500 - 1000 µm
< 500 µm (max.)	0.5 %
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)



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