WACMP-HP-S

Grade: High Purity

Weak acid cation resin, sterile acrylic/DVB macroporous, high-purity, hydrogen form

FEATURES & BENEFITS

- Macroporous structure
- High regeneration efficiency
- Superior physical stability
- Controlled particle size
- Complies with US FDA regulations

APPLICATIONS

- Heavy Metal Removal
- Softening

PHYSICAL PROPERTIES

Polymer Matrix	Acrylic/DVB
Polymer Type	Macroporous
Ionic Form (as shipped)	Hydrogen (H^+)
Functional Group	Carboxylic Acid
Physical Form	Spherical Beads
Uniformity Coefficient	1.60
Particle Size	16-50 US mesh (297-1190µm)
< 50 mesh (300 µm) %	< 1%
Minimum Sphericity (%)	93
Capacity (meq/mL)	3.80
Moisture Retention (%)	43 to 60
Shipping Weight	45 - 47 lbs/cu.ft. (721 - 753 g/L)
Color	White to Cream
Regenerable	Regenerable

SUGGESTED OPERATING CONDITIONS

Maximum Temperature	212°F (100°C)
Minimum Bed Depth	24 in. (61.0 cm)
Operating pH Range	5.8 to 7.5
Flow Rate	
Working Service	1-5 gpm/cu.ft. (8-40 BV/h)

REGENERATION DETAILS

Hydrogen Cycle (HCl)	1 to 5%
Regenerant Flow Rate	0.3-1.5 gpm/cu.ft. (2-12 BV/h)
Regenerant Contact Time	> 30 minutes
Displacement Flow Rate	Same as dilution water
Displacement Volume	10-15 gals/cu.ft. (1-2 BV)
Rinse Flow Rate	Same as service flow
Rinse Volume	10-15 gals/cu.ft. (1-2 BV)

Conforms to §21CFR173.25 of the USFDA Food Additives Regulations

RESINTECH® INC.
INNOVATIONS IN ION EXCHANGE

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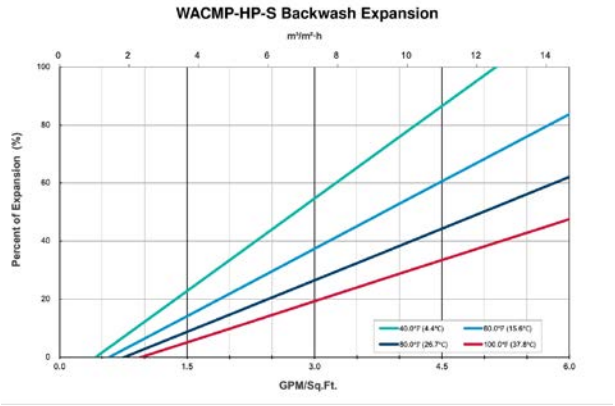
BACKWASH EXPANSION



The graph above shows the expansion characteristics of ResinTech WACMP-HP-S as a function of flow rate at various temperatures.

CERTIFICATIONS

Meets NSF/ANSI/CAN 61

REACH Registered

PACKAGING

Standard

1 cu.ft. Bag | 42 cu.ft. Supersack
25 L bag | 1000 L Supersack

Metric

5 cu.ft. Drum | 7 cu.ft. Drum
140L Drum | 200L Drum

Shipping Weight

45 - 47 lbs/cu.ft. (721 - 753 g/L)

MATERIAL SAFETY DATA SHEETS (MSDS)

Material Safety Data Sheets (MSDS) are available for all products on the ResinTech website. They contain important health and safety information that may be needed to protect your employees and customers from any known health and safety hazards associated with our products. We recommend that you secure and study the pertinent MSDS for our products and any other products being used.

These suggestions and data are based on information we believe to be reliable. They are offered in good faith. However we do not make any guarantee or warranty. We caution against using these products in an unsafe manner or in violation of any patents; further we assume no liability for the consequences of any such actions.

Safety Data Sheets (SDS) are available at resintech.com

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