WACMP-HP 98-2

Grade: High Purity

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

ResinTech WACMP-HP 98-2 is a high-purity hydrogen form macroporous weak acid cation resin. The HP (high purity) designation means it is Gold Seal Certified by the WQA for use in potable water applications. WACMP-HP is intended for all weak acid cation applications and is recommended for cartridge use where potable water certification is required.

FEATURES & BENEFITS

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

APPLICATIONS

- Drinking Water Purification
- Dealkalizer
- Lead Removal
- Temporary Hardness Removal

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	43 - 45 lbs/cu.ft. (689 - 721 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)

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

RESINTECH® INC.
INNOVATIONS IN ION EXCHANGE

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REGENERATION DETAILS

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

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

43 - 45 lbs/cu.ft. (689 - 721 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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