# WACG-MH

## Weak acid cation resin, acrylic/DVB gel, in a buffered ionic form

ResinTech WACG-MH is a high-purity buffered form gel weak acid cation resin. It is pH buffered with to avoid producing a low pH when first placed in use. This product was designed to meet the Standard for Hygienic Safety Evaluation of Water Distribution Components and Protective Materials from the Chinese Ministry of Health.

### FEATURES & BENEFITS

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

### APPLICATIONS

- Scale Reduction

| | |
|---|---|
| Polymer Matrix | Acrylic/DVB |
| Polymer Type | Gel |
| Ionic Form (as shipped) | Calcium (Ca) |
| Functional Group | Carboxylic Acid |
| Physical Form | Spherical Beads |
| Particle Size US Mesh (µm) | 16 (1190) to 50 (297) |
| < 50 mesh (300 µm) % | < 1% |
| Minimum Sphericity (%) | 93 |

| | |
|---|---|
| Reversible Swelling | 80 to 100% (H → Na) |
| Uniformity | Gaussian |
| Uniformity Coefficient | 1.70 |
| Capacity (meq/mL) | 4.00 |
| Moisture Retention (%) | 43 to 60 |
| Shipping Weight | 45 - 47 lbs/cu.ft. (721 - 753 g/L) |
| Color | White to Cream |



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WACG-MH

## SUGGESTED OPERATING CONDITIONS

| | | | |
|---|---|---|---|
| Maximum Temperature | 212°F (100°C) | Flow Rate | |
| Minimum Bed Depth | 24 in. (61.0 cm) | Working Service | Depends on fluid viscosity. Contact ResinTech |
| Operating pH Range | 6.0 to 9.0 | | |

## PACKAGING

### Standard

1 cu.ft. Bag | 42 cu.ft. Supersack
5 cu.ft. Drum | 7 cu.ft. Drum

### Metric

140L Drum | 200L Drum

## SAFETY DATA SHEETS (SDS)

Safety Data Sheets (SDS) 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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