

WACMP-Na

Weak acid cation resin, acrylic/DVB macroporous, sodium form

ResinTech WACMP-Na is a sodium form gel weak acid cation resin. It is fully converted into sodium form to take advantage of weak acid cation resin ion exchange properties. WACMP-Na is intended for use in high TDS softening and for metals removal in waste treatment applications.



FEATURES & BENEFITS

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

APPLICATIONS

- pH Correction of Acidic Waters
- Acid Adsorption
- Lead Removal
- Temporary Hardness Removal



Meets NSF/ANSI/CAN 61

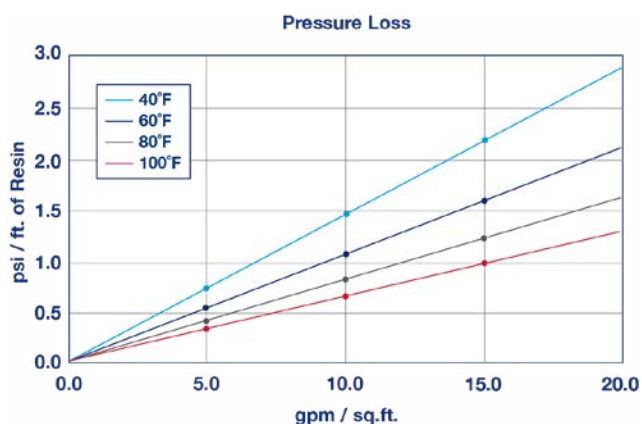
REACH Registered

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

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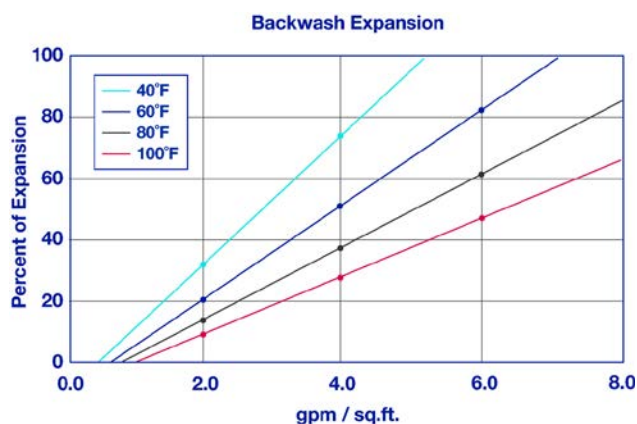
Polymer Matrix	Acrylic/DVB	Reversible Swelling	50 to 60% (H → Na)
Polymer Type	Macroporous	Uniformity	Gaussian
Ionic Form (as shipped)	Sodium (Na ⁺)	Uniformity Coefficient	1.70
Functional Group	Carboxylic Acid	Capacity (meq/mL)	2.50
Physical Form	Spherical Beads	Moisture Retention (%)	43 to 60
Particle Size US Mesh (µm)	16 (1190) to 50 (297)	Shipping Weight	47 - 49 lbs/cu.ft. (753 - 785 g/L)
< 50 mesh (300 µm) %	< 1%	Color	White to Cream
Minimum Sphericity (%)	93	Regenerable	Regenerable

PRESSURE LOSS



The graph above shows the expected pressure loss of ResinTech WACMP-Na per foot of bed depth as a function of flow rate at various temperatures.

BACKWASH EXPANSION



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

SUGGESTED OPERATING CONDITIONS

Maximum Temperature	180°F (82°C)	Flow Rate	
Minimum Bed Depth	24 in. (61.0 cm)	Working Service	1-5 gpm/cu.ft. (8-40 BV/h)

REGENERATION DETAILS

Hydrogen Cycle (H2SO4)	0.8 to 8%	Displacement Volume	10-15 gals/cu.ft. (1-2 BV)
Displacement Flow Rate	Same as dilution water		



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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