WACG-Na

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

ResinTech WACG-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. WACG-Na is intended for use in high TDS softening and for metals removal in waste treatment applications.

FEATURES & BENEFITS

- High capacity
- High regeneration efficiency
- Superior physical stability
- Controlled particle size
- Complies with us fda regulations

APPLICATIONS

- Heavy Metals Reduction
- High TDS Softening

C US

Meets NSF/ANSI/CAN 61

Meets NSF/ANSI/CAN 372

REACH Registered

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

RESINTECH® INC.
INNOVATIONS IN ION EXCHANGE

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WACG-Na

Polymer Matrix	Acrylic/DVB
Polymer Type	Gel
Ionic Form (as shipped)	Sodium (Na^+)
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)	1.80
Moisture Retention (%)	43 to 60
Shipping Weight	48 - 50 lbs/cu.ft. (769 - 801 g/L)
Color	White to Cream
Regenerable	Regenerable

SUGGESTED OPERATING CONDITIONS

Maximum Temperature	180°F (82°C)
Minimum Bed Depth	24 in. (61.0 cm)
Flow Rate	
Working Service	Depends on fluid viscosity. Contact ResinTech

METALS REMOVAL

WACG-Na has higher selectivity for divalent transition metals as compared to hardness ions.

REGENERATION DETAILS

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

PACKAGING

Standard

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

Metric

25L Bag | 140L Drum

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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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