SBACR-OH

Grade: Standard

Type 1 Strong Base Anion Resin, Acrylic Gel, Hydroxide Form

ResinTech SBACR-OH is a type 1 acrylic gel strong base anion resin in the hydroxide form. Acrylic hydroxide form anion resins have better resistance to organic fouling than any other strong base resin but are thermally sensitive and have reduced life when operating in high temperatures. SBACR-OH is intended for industrial demineralization applications where organic fouling resistance is important and where operating temperatures do not exceed 75 F.

FEATURES & BENEFITS

- Resistant to organic fouling
- Excellent regeneration
- Efficiency superior
- Physical stability controlled
- Particle size
- Complies with us fda regulations

APPLICATIONS

- Demineralization / DI
- Gas

PHYSICAL PROPERTIES

Polymer Matrix	Acrylic/DVB
Polymer Type	Gel
Ionic Form (as shipped)	Hydroxide (OH^-)
Functional Group	Trimethylamine
Physical Form	Spherical Beads
Uniformity Coefficient	1.60
Particle Size	16-50 US mesh (297-1190µm)
< 50 mesh (300 µm) %	< 1
Minimum Sphericity (%)	93
Reversible Swelling	10 to 15% (Cl → OH)
Capacity (meq/mL)	1.00
Moisture Retention (%)	NA**
Shipping Weight	42 - 44 lbs/cu.ft. (673 - 705 g/L)
Color	Yellow to Orange

SUGGESTED OPERATING CONDITIONS

Maximum Temperature	95°F (35°C)
Maximum Pressure Loss	20 psi (138 kPa)
Backwash Expansion (%)	25 - 50
Flow Rate	
Working Service	1-4 gpm/cu.ft. (8-32 BV/h)

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

RESINTECH® INC.
INNOVATIONS IN ION EXCHANGE

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REGENERATION DETAILS

Hydroxide Cycle (NaOH)	2 to 6%	Displacement Volume	10-15 gals/cu.ft. (1-2 BV)
Displacement Flow Rate	Same as dilution water		

DEMINERALIZATION

ResinTech **SBACR-OH** can be used as the anion component in a variety of demineralization applications where a hydroxide form anion resin is coupled with a hydrogen form cation resin. **SBACR-OH** is especially well suited for demineralization of organic laden waters. **SBACR-OH** is not suitable for high operating temperatures or for high flow rates encountered in polishing condensate.

CERTIFICATIONS

REACH Registered

PACKAGING

Standard

42 cu.ft. Supersack | 7 cu.ft. Drum
200L Drum | 1000L Supersack

Metric

1 cu.ft. Bag | 5 cu.ft. Drum
25L Bag | 140L Drum

Shipping Weight

42 - 44 lbs/cu.ft. (673 - 705 g/L)

Minimum Order Volume: 210 (cu.ft.)

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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