PRODUCT INFORMATION

SEPLITE® SC140NS

SEPLITE® Non-solvent, Gel Strong Acid Cation

Driving the innovation
SUNRESIN
Stock Code 300487

·Descriptions

SEPLITE® SC140NS is a high purity strong acid cation resin, gel type, with 10% cross-linkage. It is made without solvents such as DCE.

It is mainly designed for the water softening and demineralization in industrial and potable water applications.

Its high excellent mechanical strength and good ion exchange kinetics makes it a good general-purpose resin in different applications, compared with other resins in market, this resin is distinguished by its long serving life.

Available in other particle size distribution range, available in H+ form.

The resins are produced fully in accordance with the FDA (US Food & Drug Administration), also meeting the regulations prescribed under Resolution ResAP (2004) 3 on ion exchange and adsorbent resins used in the processing of foodstuffs.

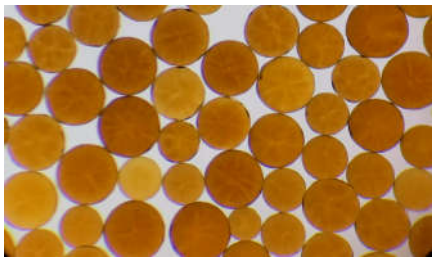
Please follow our start-up recommendations which is available upon request, when using our products in food applications.

·Physical and Chemical Characteristics

Matrix Structure	Polystyrene Crosslinked with DVB	
Physical Appearance	Dark brown to black Spherical beads	
Particle size (mm)	0.315-1.25	
Shipped form	Na+	H+
Moisture content (%)	35-45	45-52
Total Capacity(eq/L)	≥2.2	≥2.0
Bulk Density (g/l)	780-880	750-850
Density (g/l)	1280-1350	1200-1300
Whole beads count (%)	≥95	≥95
Uniformity Coefficient	⩽1.6	⩽1.6

·Key features and benefits

- ·High operating capacity
- ·Good kinetic performance
- ·Long life time
- ·Non-Solvent



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·Precautions

Resins should be stored in sealed containers or bags where temperature was above 0℃ in dry conditions without exposure to direct sunlight.

Do not mix ion exchange resin with strong oxidizing agents; otherwise it will cause violent reactions.

In case of eyes contact with resins, rinse eyes immediately with plenty of water, and consult a specialist.

Material and samples must be disposed according to local regulations.

Dry polymers will expand when become wetted and may cause an exothermic reaction.

Spilled materials may be slippery.

•This information is general information and may differ from that based on actual conditions. For more information about SEPLITE® resins, please contact SUNRESIN® directly.

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