

SEPLITE® SC 130

SEPLITE® Water Treatment Resins
For use of water softening and food application

PRODUCT DESCRIPTION

SEPLITE® SC 130 was a high purity strong acid cation resin, gel type.

It was mainly designed for the treatment of water softening in potable water, food stuff and other water in the food stuff industry.

Production of this resin is in compliance of the FDA and WQA standard(US drinking water association)



Its high bead integrity, total capacity, excellent mechanical strength and good ion exchange kinetics makes it a good general purpose resin in different applications.

This resin also plays a remarkable part in the general use of ion exchange resins.

PHYSICAL AND CHEMICAL CHARACTERISTICS

Products		SC 130
Matrix Structure		Crosslinked polystyrene DVB
Physical Appearance		Yellow beads
Particle size	mm	0.315-1.25mm
Bulk Density	g/l	770-870
Density	g/l	1240-1290
Total capacity	eq/L	≥2.0
Fine beads (%)	%	95

SUGGESTED OPERATION CONDITIONS

Bed depth	min 600 mm
Operation temperature	within 120°C (Na form) With 100°C (H Form)
Operation flow rate	10 to 50 BV/h
Regenerant liquor	8-20% NaCl (Na form) 5-10% HCL or 2-8% H ₂ SO ₄ (H form)
Regenerant contact time	30 to 60 minutes
Regenerant flow rate	2 to 7 BV/h
Displacement Rinse fowrate	2 to 7 BV/h
Displacement Rinse volume	2BV
Fast rinse	10 to 50 BV/h
Fast resin volume	4-8BV



Caution :

Resins should be stored in sealed containers or bags in cool areas where temperature was above 0°C .
Risks of damage to eyes. Rinse immediately with plenty of water under condition of eyes contact, and consult a specialist.
Material and samples must be disposed accordingly to local regulations.
Dry polymers expand when wetted and may cause an exothermic reaction.
Spilled materials may be slippery.

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For more information about SEPLITE® resins, pls contact sunresin directly

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