

## PRODUCT INFORMATION

# SEPLITE® MA950

SEPLITE® ION EXCHANG RESIN  
Weak Base Anion



Stock Code 300487



### •Descriptions

SEPLITE® MA950 is a weak base anion resin with acrylic matrix, and that shows excellent removal ability for organic acid, lactic acid or decolorization in fermentation food processing and other applications.

The high excellent mechanical strength and good ion exchange kinetics makes it a good resin in different applications, compared with other similar resins in market, long service life is one of the advantages.

SEPLITE® MA950 presents an outstanding performance on regeneration efficiency, its strong matrix and function group also ensures its good feature for resistance to osmotic shock.

### •Physical and Chemical Characteristics

Matrix Structure	Polyacrylic crosslinked with DVB
Shipped form	Free base
Physical Appearance	Light yellow to yellow spheres
Particle size (mm)	0.4-1.25 (≥92%)
Moisture content (%)	not more than 55
Total Capacity(eq/L)	≥2.8
Bulk Density ( g/l)	650-750
Density ( g/l)	1070-1170
Whole beads count (%)	≥95
Osmotic stability (%)	not less than 85.0
Volume change from FB- to Cl-(%)	20% Max.

### •Key features and benefits

- high operating capacity
- Physical and Chemical stability
- excellent regeneration efficiency



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## •Recommended Operating Conditions

Maximum Operating Temperature	40℃
Service Flow Rate (BV/h)	2-8
Regeneration	
Regenerants	NaOH
Concentration (%)	4
Flow Rate (BV/h)	2-8
Minimum Contact Time	30 Minutes
Slow Rinse/ Fast Rinse ( BV/h)	2-5 / 5-10
PH Range	0-14
1 BV (Bed Volume) = 1 m3 solution per m3 resin	

## •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.

SEPLITE® and Monojet™ are registered trademarks of Sunresin New Materials Co. Ltd.

•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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