

PRODUCT INFORMATION

SEPLITE® MB20

Mixed bed resin



•Descriptions

SEPLITE® MB20 is a ready to use mixed bed resin, consisting of strong acid cation and strong base type 1 anion resins.

The two components in the mixture are prepared with a defined ratio of 1 volume of cationic component for 1.5 volumes of anionic component offering a high volume capacity with the aim of producing high quality purified water.

This ready to use mixed bed can be used both in small cartridges systems as well as in big industrial columns.

By using this mixed bed, projects requiring high quality demineralized water with high resistivity, low silica and TOC can be successfully realized.

This ready to use mixed bed has been developed with components offering strong color difference so that the MB can be easily separated by back washing allowing the resins to be regenerated separately.

This ready to use Mixed Bed can be upon request loaded with a color indicator allowing to follow exhaustion. This product can be ordered under the reference: SEPLITE® MB20 IND.

•Physical and Chemical Characteristics

| | |
|-----------------------|---|
| Matrix Structure | Polystyrene Crosslinked with DVB |
| Shipped form | H+/OH- |
| Physical Appearance | Mixture of light yellow to dark brown spherical beads |
| Cation/Anion ratio | 40:60 |
| Functional Group | Sulphonic acid and trimethylammonium |
| Particle size (mm) | 0.315-1.25 |
| Moisture content (%) | 55-65 |
| Bulk Density (g/l) | 700-740 |
| Density (g/l) | 1100-1200 |
| While beads count (%) | ≥95 |



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•Precautions

Resins should be stored in sealed containers or bags where temperature was above 0°C 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.

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• 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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