

# SBMP1-TR

## Type 1 Strong Base Anion Resin, Styrenic Macroporous, Chloride Form

ResinTech SBMP1-TR is a chloride form type 1 macroporous strong base anion resin. It is optimized for waters that punish other anion resins. SBMP1-TR is intended for high flow rate and high-temperature polishing applications, and for other applications that require the highest possible physical strength and chemical durability.



### FEATURES & BENEFITS

- Macroporous structure
- Organic fouling resistance
- Superior physical stability
- Complies with US FDA regulations



C US

Meets NSF/ANSI/CAN 61  
Meets NSF/ANSI/CAN 372

Halal Certified

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

SBMP1-TR

Polymer Matrix	Styrene/DVB	< 50 mesh (300 µm) %	< 1%
Polymer Type	Macroporous	Minimum Sphericity (%)	93
Ionic Form (as shipped)	Chloride (Cl <sup>-</sup> )	Reversible Swelling	18 to 25% (Cl → OH)
Functional Group	Trimethylamine	Uniformity	Gaussian
Physical Form	Spherical Beads	Uniformity Coefficient	1.60
Particle Size US Mesh (µm)	20 (841) to 50 (297)	Moisture Retention (%)	50 to 63
		Color	Tan to Brown

**SUGGESTED OPERATING CONDITIONS**

Maximum Temperature	170°F (77°C)	Flow Rate	
Maximum Pressure Loss	20 psi (138 kPa)	Working Service	2-15 gpm/cu.ft. (16-120 BV/h)
Backwash Expansion (%)	25 - 50		

**REGENERATION DETAILS**

Salt Cycle (NaCl)	2% - 10%	Displacement Volume	10-15 gals/cu.ft. (1-2 BV)
Displacement Flow Rate	Same as dilution water		

**PACKAGING**

**Standard**

42 cu.ft. Supersack | 7 cu.ft. Drum  
 1 cu.ft. Bag | 5 cu.ft. Drum

**Metric**

25L Bag | 140L Drum

**SAFETY DATA SHEETS (SDS)**

Safety Data Sheets (SDS) 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](http://resintech.com)

