

## Type 1 vs. Type 2 Anion Resins

### TYPE 1

Example — ResinTech SBG1 or SBG1P

#### Advantages

- Type 1 resins are more thermally stable than Type 2 resins
- Type 1 resins produce better water quality than Type 2 resins
- Type 1 resins are less expensive than Type 2 resins
- Type 1 resins can produce lower TOC than Type 2 resins

#### When To Use

- When lowest TOC is required
- When water is warm or hot
- When lowest silica is required
- Single use applications

### TYPE 2

Example – ResinTech SBG2

#### Advantages

- Type 2 resins have slightly higher total capacity than Type 1 resins
- Type 2 resins are easier to regenerate than Type 1 resins (especially from the chloride form)
- Type 2 resins give off less odor than Type 1 resins

#### When To Use

- Waters with a high percentage chloride
- Waters that are not over 75°F average
- Most dealkalizer and nitrate removal applications
- Where highest possible operating capacity is required

