

**TRILITE® MA-13J**

Chromatography Anion resins

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TRILITE® MA-13J Fine Mesh Strong Base Anion Exchange Resin is a Gel Type 1 Uniform Particle Size resin. Because of its excellent ion removal capacity, high purity water can be produced economically. TRILITE® MA-13J is a standard cross-linkage product and it has outstanding mechanical and chemical stability, leading to low crush rate even after long-term use. TRILITE® MA-13J can be supplied by Cl<sup>-</sup> form.

**Physical and Chemical Properties**

|                        |                  |                        |                           |
|------------------------|------------------|------------------------|---------------------------|
| Matrix                 | Styrene-DVB, Gel | Functional Group       | Type 1(Trimethylammonium) |
| Ionic Form             | Cl <sup>-</sup>  | Total Capacity(eq/ℓ)   | 1.35 ↑                    |
| Shipping weight (g/ℓ)  | 720              | Moisture Retention (%) | 43~53                     |
| Uniformity Coefficient | 1.1 ↓            | Particle Size (μm)     | 300±15                    |
| Whole Beads (%)        | 95 ↑             |                        |                           |

**Recommended Operating Conditions**

|                     |                                                 |          |      |
|---------------------|-------------------------------------------------|----------|------|
| Operating Temp (°C) | 60 ↓ (OH <sup>-</sup> ) 80 ↓ (Cl <sup>-</sup> ) | pH Range | 0~14 |
|---------------------|-------------------------------------------------|----------|------|

**Applications**

TRILITE® MA-13J is used widely for various applications including acid retardation, bio-ethanol purification.

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