

# FUJITEC FUP87

Ultra Pure Water Mixed Bed Resin, Ready to Use

**FUJITEC FUP87 is a high capacity mixed bed ion exchange resin and high purity for ultra pure water application for the micro-electronics ,semi-conductor and pharmaceutical applications. The resin 1:1 used a gel type I strong base anion resin and a gel strong acid cation resin. The resin beads are highly durable and resist fragmentation that can result in particle release in the treated water. The high product quality ensure that it is possible to achieve treated water of the highest purity conductivity or resistivity 18.3 Meg Ohm. It's ready to use with high capacity lowest TOC mixed bed intended for polishing in high quality pure water systems.**

## Applications & Benefits

- Ultra Pure Water / Nuclear Grade
  - Micro-electronics
  - Semi-conductor
  - Pharmaceutical
- Benefits
- High purity conductivity
  - Lower TOC
  - Resistivity > 18.3 MΩ.cm

## Typical Physical and Chemical Characteristics

Polymer Structure	Gel polystyrene crosslink with DVB
Functional Group	Sulfonic acid / Type I Quaternary Ammonium
Ionic Form as Shipped	H+ / OH-
Appearance	White to light yellow spherical beads
Total Capacity, H+ / OH- Form (min)	1.9 / 1.0 eq/l
Particle Size Range (mm)	0.45 - 0.90
Uniformity Coefficient (max.)	1.6
Moisture Content, H+ / OH- (%)	48 - 54 / 60 - 70
Shipping Weight (approx.)	695 - 735 g/l
Temperature Limit, oC (oF)	60 (140)

Technical Data Sheet

## Packing

5 liter/Aluminum Vacuum Bag

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