

# Bestion® NPM87

## Mixed Bed Resin for Ultra pure water



### Description

**NPM87** is a highest capacity mixed bed ion exchange resin consisting of a mixture of a gel type I strong base anion resin and a gel strong acid cation resin. It's ready to use. Radioactive Waste Treatment- Uniform particle size highest capacity lowest TOC mixed bed intended for final polishing in secondary loops.

#### TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Styrene-DVB
Appearance	yellow spherical beads
Type	Gel mixed bed resin
Ionic form	H <sup>+</sup> /OH <sup>-</sup>
Moisture Content	% 50-55% (H <sup>+</sup> ) 53-58% (OH <sup>-</sup> )
Total Exchange Capacity	Eq/L
Cation (in sodium form)	2.0
Anion (in chloride form)	1.4
Particle Size Range	0.315-1.25mm ≥95
Uniformity Coefficient	max. ≤1.6
Shipping Weight	g/ml 0.70-0.74
Temperature Limited	°C 60
Whole Spherical Rate After Attrition	% ≥90
Metals Content as ppm by weight of dry resin(max)	
Na+K	30ppm
Fe	80ppm
Heavy Metals	40ppm
CO <sub>3</sub> <sup>=</sup>	5% max
Cl <sup>-</sup>	0.1% max

#### TYPICAL PACKAGING

- 25L PE bag
- 1 Cubic feet
- 1000L Super Sacks