

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 ⁺ /OH ⁻
Moisture Content	%	50-55% (H ⁺) 53-58% (OH ⁻)
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 ₃ ⁼	5% max
	Cl ⁻	0.1% max

TYPICAL PACKAGING

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



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40 years focused on the development and production of ion exchange resins