

## General Information

Name:	Suprex N21 CF LS
Product code	1.1008
Description:	Premixed pre-flocculated powdered resin for ultrapure condensate filtration and demineralisation.
Type:	Strong cation resin ammonium form. Strong anion resin hydroxide form, type I.
Ratio :	cation :anion = 2 :1 – dry bases (*)
Matrix:	Styrene – DVB copolymer.
Functional groups:	Sulfonic/Quaternary ammonium

## Technical Properties

* Moisture content	60÷70	%
* PH of supernatant	7 - 9	
* Tot exch capacity (referred to original resins), min.	Cation 4.9 Anion 4.0	meq/Kg dry basis meq/Kg dry basis
* Ionic form, min.	Cation 97 Anion 95	% NH <sub>4</sub> % OH-
* Sedimentation (Ratio to 1')	0,6 – 0,9	
* Turbidity, max.	10	NTU at 5'
* CO <sub>3</sub> <sup>2-</sup> active cation/anion, max.	3	%
SO <sub>4</sub> <sup>2-</sup> active cation/anion, max	0.1	%
* Cl <sup>-</sup> active cation/anion, max	0.1	%
Impurity content		
* Na, max.	5	mg/Kg dry resin
* Cl, max.	80	mg/Kg dry resin
Heavy metals, max.	100	mg/Kg dry resin

\* included in standard certificate. Other ratios are available upon request

## Recommended Operating Condition

Operating pH range	0 ÷ 14
Flow condition normal/max.	5÷7/10 m/h
Storability in original packing	6 months
Storage temperature range	10 ÷ 30 °C