

## General Information

Name:	Suprex H21 CF LS
Product code:	1.1007
Description:	Premixed pre-flocculated powdered resin for ultrapure condensate filtration and demineralisation.
Type:	Strong cation resin hydrogen 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	%
* Tot exch. capacity (referred to wet resins), min.	Cation Anion	4.9 Eq/Kg dry basis 4.0 Eq/Kg dry basis
* Ionic form, min.	Cation Anion	99.5 % H <sup>+</sup> 95 % OH <sup>-</sup>
* pH of supernatant	5 – 7	
* Sedimentation (Ratio to 2')	0,6 – 0,9	
* Turbidity, max.	15	NTU at 5'
* CO <sub>3</sub> <sup>2-</sup> active cation/anion, max.	5	%
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.	10	mg/Kg dry resin
* Cl, max.	110	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	0 ÷ 30 °C