



## AvoPAC HB<sup>+</sup> Specifications

Name	Polyaluminum chloride
CAS number	1327-41-9
Appearance	Cloudy liquid
Chemical formula	$Al_2(OH)_nCl_{(6-n)}$
Alumina (Al <sub>2</sub> O <sub>3</sub> ) % w/w	5.5 – 6.5
Aluminum (Al <sup>3+</sup> ) % w/w	3.0 – 3.5
Chloride (Cl <sup>-</sup> ) % w/w	9.00 - 10.50
Sulfate % w/w	0
Molecular Weight (g/mol)	272.5 - 290.6
Density at 20 °C (g/ml)	1.10 - 1.20
Basicity %	70 - 80
Water solubility	< 1 % Water insoluble matter
pH (5% Solution)	3.5 - 5
Turbidity (NTU)	> 100
Viscosity at 20 °C (mPa.s)	20 - 50
Freezing point (°C)	-10