



### AvoPAC 10MB Specifications

Name	Polyaluminum chloride
CAS number	1327-41-9
Appearance	Clear, Pale-yellow liquid
Chemical formula	$Al_2(OH)_nCl_{6-n}$
Alumina ( $Al_2O_3$ ) % w/w	9.5 – 10.5
Aluminum ( $Al^{3+}$ ) % w/w	4.90 – 5.60
Chloride ( $Cl^-$ ) % w/w	23.00 – 24.50
Sulfate % w/w	0
Molecular Weight (g/mol)	266.0 – 274.0
Density at 20 °C (g/ml)	1.25 - 1.30
Basicity %	35 - 40
Water solubility	100% Soluble
pH (5% Solution)	3.2 – 4.5
Turbidity (NTU)	< 10
Viscosity at 20 °C (mPa.s)	12 - 25
Freezing point (°C)	-15