



AvoPAC 17MB 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	16.5 – 17.5
Aluminum (Al^{3+}) % w/w	8.8 – 9.3
Chloride (Cl^-) % w/w	19.5 – 21.30
Sulfate % w/w	0
Molecular Weight (g/mol)	216.9 – 222.4
Density at 20 °C (g/ml)	1.34 - 1.37
Basicity %	38 - 45
Water solubility	100% Soluble
pH (5% Solution)	3 – 4.5
Turbidity (NTU)	< 20
Viscosity at 20 °C (mPa.s)	10 - 50
Freezing point (°C)	-20