



AvoPAC 13LB Specifications

Name	Polyaluminum chloride
CAS number	1327-41-9
Appearance	Clear, Bright yellow liquid
Chemical formula	$Al_2(OH)_nCl_{6-n}$
Alumina (Al_2O_3) % w/w	12.5 – 13.5
Aluminum (Al^{3+}) % w/w	6.9 – 7.4
Chloride (Cl^-) % w/w	24.04 – 24.54
Sulfate % w/w	0
Molecular Weight (g/mol)	247.2 – 260.0
Density at 20 °C (g/ml)	1.28 - 1.33
Basicity %	10 - 20
Water solubility	100% Soluble
pH (5% Solution)	2.5 – 4.0
Turbidity (NTU)	< 5
Viscosity at 20 °C (mPa.s)	10 - 30
Freezing point (°C)	-20