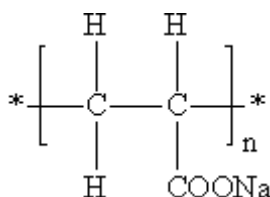


Polyacrylic Acid Sodium Salt (PAAS)

CAS No. 9003-04-7

Structural Formula:



Properties:

PAAS is innocuous and soluble in water, it can be used in situations of alkaline and high concentration without scale sediment. **PAAS** can disperse the microcrystals or microsand of calcium carbonate, calcium phosphate and calcium sulfate. **PAAS** is used as [scale inhibition and dispersant](#) for circulating cool water system, papermaking, weave, dyeing, ceramic, painting, etc.

Specification:

Items	Index		
	Colorless to pale yellow transparent liquid	Colorless to pale yellow transparent liquid	Colorless to pale yellow transparent liquid
Appearance	Colorless to pale yellow transparent liquid	Colorless to pale yellow transparent liquid	Colorless to pale yellow transparent liquid
Solid content, %	30 min	45 min	50 min
Free monomer(as AA), %	0.5 max	0.8 max	1.0 max
Density (20°C), g/cm ³	1.15 min	1.20 min	1.25 min
pH(as it)	6.0~8.0	6.0~8.0	6.0~8.0

Usage:

PAAS can be used as scale inhibitor and dispersant in circulating cool water systems in

power plants, iron & steel factories, chemical fertilizer plants, refineries and air conditioning systems. Dosage should be in accordance with water quality and equipment materials. When used alone, 2-15mg/L is preferred. When used as dispersant, the dosage should be determined by experiment.

Package and Storage:

200L plastic drum,IBC(1000L),customers' requirement. Storage for ten months in shady room and dry place.

Synonyms:

[PAAS](#); [POLY\(ACRYLATE SODIUM\)](#); [Polyacrylic Acid Sodium Salt](#); [Poly\(acrylic acid sodium salt\)](#)

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