



POLYACRYLIC ACID (PAA)

SYNONYMS:

PAA; Polyacrylic Acid; Acrylicresin; Acrylicacidresin; acrylicacid polymers; acrysola

CAS No:

9003-01-4

MOLECULAR FORMULA:

$(C_3H_4O_2)_n$

OTHER TRADE NAME:

Acumer 1000

PROPERTIES:

PAA is innocuous and soluble in water, it can be used in situations of alkaline and high concentration without scale sediment. PAA can disperse the microcrystals or microsand of calcium carbonate, calcium phosphate and calcium sulfate.

SPECIFICATION:

Appearance	Amber transparent liquid
Solid content%	50 min
Free monome(CH ₂ =CH-COOOH)%	1.0 max
Density (20° C)g/cm ³	1.2 min
pH(1% solution)	3.0-4.5

USAGE:

PAA can be used as scale inhibitoe and dispersant in circulating cool water systems in power plants, iron and steel factories, chemical fertilizer plants, refineries and air conditioning systems. Dosage should be in accordance with quality and equipment materials. When used alone, 1-15mg/L is preferred.

PACKING:

200Kgs Net Drum.