

Taian Green Industry Co., Ltd.

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TECHNICAL DATA SHEETS

1. Product name:

Polyacrylic acid

2. Chemical Name:

PAA;

Acroleic acid;

Vinylformic acid;

Glacial acrylic acid;

Acrylic acid polymer;

Propenoic acid polymer;

Ethylenecarboxylic acid;

2-propenoic acid homopolymer

3. CAS No.: 9003-01-4

4. MF: $(C_3H_4O_2)_n$

5. MW: 102.13

6. Technical specifications

Item	Specifications	Results
Appearance	Milky white liquid	Conforms
Solvent	Water	Conforms
Solid content	28~32%	29.7%
pH value	2~4	3
Viscosity(1% aqueous solution)	>3000mPa.s	Conforms
Solubility	Dissolved in water and alcohol	Conforms
Conclusion	The results conforms with enterprise standards	

7. Usage

Polyacrylic acid can be used as a thickening and stabilizing agent in various waterborne products.

Recommended for suspension of solid particles in aqueous systems.

Effective thickening of formulations containing ethanol, ethylene glycol and glycerol.

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Polyacrylic acid is not suitable for cationic systems.

8. Package

180kg/drum