



TECHNICAL DATA SHEET

NAME OF COMMODITY: POLYACRYLIC ACID SODIUM SALT 45%

CAS NO.: 9003-04-7

| TESTS | SPECIFICATIONS |
|-----------------------------------|--------------------|
| Appearance | PALE YELLOW LIQUID |
| Solid content (%) | 45.0 MIN |
| Free Monomer (as AA) Content, % | 1.0 MAX |
| PH (1% solution) | 6.5-8.0 |
| Density (20°C), g/cm ³ | 1.20 MIN |
| Viscosity, cps, (25°C) | 900-1200 |
| MW | 8000-12000 |

APPLICATION:

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.

RECOMMENDED USES:

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.

PACKING: IN 250KG/DRUM OR 1250KG/IBC.

SHELF LIFE: 10 MONTHS