



**APACHE**  
Chemicals

# TECHNICAL DATA SHEET

## APAC-J144-C®

### General Information

The APAC-J144-C® is a high-load, high-molecular-weight cationic polyacrylamide. It's a state-of-the-art polymer solution for water treatment, oil and gas, pulp and paper, wastewater treatment, and mining industries, among other special applications. It thrives under the most challenging conditions of pressure, chemistry, and temperature, making it an invaluable asset in your operations.

### Typical Properties

Ionicity degree:	60 - 70%
CAS #:	69418-26-4
Particle size:	< 850 $\mu$ (min. 98%)
Insolubles:	0.5 % (max.)
Residual monomers:	1,000 ppm (max.)
pH Sol, at 1% and 25° C:	5.0 – 7.0 (Depending on MW)
Appearance:	Solid granules
Color:	Off-white to pale yellow

### Key Features

- ★ Recommended concentration for use: 0.1 – 0.3%
- ★ pH stability and temperature resistance
- ★ Tailor-made to comply with our customers' specifications.

### Storage and packaging

Our APAC product line has very mild corrosive behavior towards standard construction materials. Therefore, polyethylene or epoxy-coated surfaces or stainless steel and fiberglass containers are recommended for storage. Standard packaging: 25 kg bag and 750 super sacks. Product shelf life: 24 months. Storage conditions: Cool and dry places protected from environmental factors and temperatures between > 10° C and < 40° C.