



**APACHE**  
Chemicals

# TECHNICAL DATA SHEET

## APAC-J51®

### General Information

The APAC-J51® is not just another copolymer. It's a state-of-the-art solution designed for special applications in enhanced oil recovery operations and the mining industry. What sets it apart is its unique adaptability to variable water qualities without compromising its rheological properties and performance. It thrives even under the most challenging conditions of pressure, chemistry, and temperature, making it an invaluable asset in your operations.

### Typical Properties

Anion degree:	20 – 25%
Molecular weight:	2,000,000 – 4,000,000 g/mol
Particle size:	< 850 μ (min. 98%)
Insolubles:	0.5 % (max.)
pH Sol, at 1% and 25° C:	7.0 – 9.0 (Depending on MW)
Appearance:	Solid granules
Color:	White to off-white

### Key Features

- ☆ High anti-shear property
- ☆ High salinity and temperature resistance
- ☆ Outstanding viscous-elastic properties
- ☆ 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.