

Product Information

ALKAPAM 1703A

GENERAL DESCRIPTION

Alkapam 1703A is a readily dispersible, very high molecular weight water-soluble acrylamide copolymer with a 30% anionic charge density. Alkapam 1703A is supplied as a free flowing granular form that is fast hydrating. Alkapam 1703A is also available in emulsion form as EA-73.

APPLICATIONS

Alkapam 1703A is an effective anionic polymer flocculent that is widely used in all segments of mineral processing and oil field drilling. It is commonly used in tailing treatments (dewatering and clarification) as a filter aid in centrifuge applications and as a general flocculent. Alkapam 1703A is also used to remove drill solids, acts as a shale stabilizer and due to its higher molecular weight creates superior viscosity for lifting drill solids and viscosifying mud. Due to the readily dispersible nature of Alkapam 1703A maximum viscosity can be achieved in 20 minutes with proper mixing.

RECOMMENDED TREATMENT

Alkapam 1703A should be added in a 0.5% stock solution. It will provide shale stabilization and viscosity when used in higher concentrations of 0.3 to 3.0 kg/m³.

TYPICAL VISCOSITY

Viscosity of a 0.15% solution:

20min: 15 @ 300RPM, 23 @ 600RPM
30min: 15 @ 300RPM, 23 @ 600RPM
45min: 15 @ 300RPM, 23 @ 600RPM

TYPICAL PHYSICAL PROPERTIES

Appearance	White, granular
Ionic character	Anionic
Specific Gravity	.80
Particle size	1-2 mm
Concentration of dissolution	0.3%
Stability of above solution	5 days
Dissolution time	100% within 60 min.
Stability of dry product	2 years
Toxicity Level	Low

HANDLING

Alkapam 1703A is not a controlled product using the WHMIS classification. Refer to MSDS information for specific precautions and handling.

AVAILABILITY

Alkapam 1703A is available in 25kg bags..