

TECHNICAL DATA SHEET**SOPOCHEM ANPA LMW -
COUNTRY OF ORIGIN: CHINA****Description:**

SOPOCHEM ANPA LMW is anionic polyacrylamide N123 (low molecular weight). It has a low-molecular-weight and it is designed to provide cuttings encapsulation and clay-dispersion inhibition. It is designed for use in fresh and saltwater drilling fluids.

SOPOCHEM ANPA LMW provides minimal viscosity contribution and can enhance filtration properties. SOPOCHEM ANPA LMW copolymer provides excellent cuttings encapsulation by adsorbing onto the clay surfaces and forming a protective film that prevents cuttings from sticking to each other or the shaker screen. Due to the low molecular weight of this polymer, the mixing process requires less shear than polymers with higher molecular weights. The resulting fluid can pass through fine shaker screens without blinding.

PARAMETER	STANDARD VALUE
Appearance	Solid white powder
Molecular Weight, Million	5-8
Ionic Degree, %	4-7
Bulk Density, Kg/m ³	750±50
PH Of 0.05% Solution 77°F	6-8
Insoluble % ,V/V:	≤0,5
Residual Acrylamide, %:	<0,05
Solid Content, %:	>89%
Dissolving Time, Hours	<2
Storage Temperature(°F)	32-95

Application: SOPOCHEM ANPA LMW used as high efficient flocculant in water based drilling fluids.

Packing: Paper bag with PE liner, net weight 25 / 750 kg.

Storage: Stored in ventilated, clean, dry and cool place, without mixing with toxic, harmful or corrosive substances.

Shelf Life: 24 months in above mentioned conditions.