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BLUFLOC AA5516

Powder Grade Anionic Polyacrylamide

CHEMICAL NATURE:

Copolymer of acrylamide and acrylic acid.

DESCRIPTION:

Blufloc AA5516 is Anionic Polyacrylamide, a water-soluble polymer with high molecular weight supplied as a free flowing granular powder. It is a synthetic chemical that can be tailored to fit a broad range of applications.

ADVANTAGES:

- Economical to use - lower dosage levels.
- Easily soluble in water; dissolves rapidly.
- Non corrosive of suggested dosage, economical and effective at low levels.
- Can eliminate the use of alum & further ferric salts when used as primary coagulants.
- Reduction in sludge of dewatering process system.

APPLICATION FIELDS:

• **Raw Water Treatment:**
- Flocculation
- Clarification
• **Industrial Waste Water Treatment:**
- Primary Clarification
- Secondary & Tertiary Treatment
- Sludge Thickening & Dewatering
- Color Removal
- Dissolved Air Floatation
• **Sewage Treatment:**
- Primary Treatment
- Sludge Thickening & Dewatering
• **Process Industries:**
- Sugar and Juice Industry: Clarification and floatation
- Paper Making: Dispersing agent, Water Recovery
- Sugar Manufacturing: Mud Settling
- Chlor-alkali: Brine Clarification
- Thermal Power: Clarification of Scrubber Water
- Mining & Metallurgy: Tailings Thickening and Water Recovery
- Coal: Tailings Thickening and Water Recovery
- Constructions: Soli and Road Stabilization, Concrete Making

• **Petroleum and Gas Field:**
- Drilling fluids, EOR, Fluid loss control, Lubrication, Shale Stabilization

TYPICAL PROPERITIES:

Specifications:	**Index:**
Appearance:	Off-White Granular Powder
Ionic Charge:	Anionic
Particle Size:	20-100 mesh
Molecular Weight:	High (15-17million)
Anionic Degree:	Medium (20-30%)
Solid Content:	89% Minimum
Bulk Density:	About 0.8
Residual Monomer:	0.05% max.
Recommended Working Concentration:	0.1-0.5%
Ph 0.5% solution:	6-8
Storage Temperature (℃):	0 - 35
Shelf Life:	2 years

APPLICATION:

- Suggested to dilute to the concentration of 0.1-0.5% solution before use.
- Use plastic, enamel, fiberglass containers to storage the solution, do not use metal containers.
- The dosage is based on different lab test results.
  For the detailed information, we have application methods for reference.

PACKAGE:

Packed in Kraft paper bags with inner plastic bags, with each bag containing 25kgs.

STORAGE:

Should be stored in original packaging in cool and dry place, away from sources of heat, flame and direct sunlight.