

Polyelectrolyte

INDFLOC[®] 419

Polyelectrolyte for Solid-Liquid Separation & Dewatering

Application

INDFLOC 419 is high efficiency polyelectrolyte, specially designed for solid - liquid separation process. Applications include sedimentation, thickening and clarification of suspension; clarification of aqueous liquor by sedimentation; Dewatering of pulp and sludge for the recovery of liquor or disposal of solids by filtration and centrifugation sludge for the recovery of liquor or disposal of solids by filtration Belt Press and centrifugation.

Features

- Marked increase in underflow density.
- Rapid Settling.
- High filtration rate.
- Efficient filter cake washing.
- Effective at low dosages.
- Easy to prepare solution and apply.
- Completely miscible with water.
- Improved filter clarity.
- Increase throughput.

Product Specifications

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|--|----------------------------|
| Appearance | : White Crystalline powder |
| Ionic character | : Low Cationic |
| pH of 0.1% solution @25°C | : 3.0 – 5.0 |
| Viscosity of 0.1% solution @25°C (cps) | : 25 - 50 |
| Solid Content % | : 88 – 92% |

Directions for Use

INDFLOC 419 may be unloaded manually or pumped directly into the dilution tank from the container. Prepare stock solution (1.0 to 1.5%w/v) of the polyelectrolyte using filtered water. Prepare feed solution by diluting the stock solution directly or by on-line using filtered water. For small systems chemicals can be dosed by gravity or by dosing equipment. However, for larger systems use of dosing system is recommended. Our Sales Engineer will recommend the dosing equipment best suited for your requirement.

Limitations and Handling

Do not store the material in open. Keep the container tightly closed when not in use. These products exhibit very low order of oral toxicity. No special care is required in handling these products.

Storage

Keep container tightly closed in a cool place.

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