

# INDFLOC 429

## Polyelectrolytes for solid - liquid separation & dewatering

### Application

INDFLOC 429 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.

Product Data	INDFLOC 429
• Appearance	Crystalline white
• Ionic Character (Cationic)	Medium
• pH of 0.1 % Solution	2 - 4
• Bulk Viscosity of 0.1% Solution (Cps)	30 – 90

### Benefits

- Rapid settling
- Marked increase in underflow density
- High filtration rate
- Increased throughput
- Improved filter clarity
- Efficient filter cake washing

### Features

- Easy to prepare solution and apply
- Effective at low dosages
- Completely miscible with water

### Direction for Use

INDFLOC 429 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. Ion Exchange Limited will recommend the dosing equipment best suited for your requirement.

### 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.