

# INDFLOC 140 PG 4

## Polymer for Retention and Drainage

### Application

INDFLOC 140 PG 4 is high efficiency poly electrolyte, specially designed for Retention and Drainage in the Paper Making process. The application includes retaining the fines fillers and other paper making furnish components. In broad spectrum for all liquid separation applications INDFLOC-140 PG 4 is an excellent Polymer. This is very effective on broad pH range. INDFLOC-140 PG 4 is very effective in controlling the hydrodynamics of the stock at forming zone.

### Product Data

• Appearance	Free Flowing Powder
• Ionic Character (Cationic)	Low
• pH of 0.1 % Solution	3.0 – 5.0
• Bulk Viscosity of 0.1 % Solution ( cps)	40 - 100

### Benefits

- Rapid Dissolution
- Improves the run ability of machine
- High Drainage rate
- Highly efficient
- Improved white water clarity
- Excellent in retaining Ash

### Features

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

### Direction for Use

INDFLOC 140 PG 4 may be unloaded manually or pumped directly into the dilution tank from the container. Prepare stock solution (0.5 to 1.0 % w/v) of the poly electrolyte using process/filtered water. Prepare feed solution by diluting the stock solution directly or by on-line using water. Chemicals can be dosed by dosing equipment. Dosing system is recommended by Ion Exchange (India) Limited based on the requirement of the clients.

### 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. The area where the polymer is prepared should be kept dry and clean always as the polymer spillage might cause a slippery surface.