



## TW-8120

### Technical Product Specification

is a high performance; superior quality dry high molecular weight anionic polyacrylamide scientifically formulated for use in a range of industrial and process applications including the treatment of wastewater streams.

This versatile dry polymer is particularly useful for wastewater treatment applications including Primary treatment, Color removal, Mining, Paper making and screw press de-watering, water clarification, filtration, thickening or use in a Dissolved Air Flotation plant.

#### ADVANTAGES

High performance high molecular weight anionic polyacrylamide Granular form so economical to use, non-corrosive at recommended dosage, economical and effective at low levels.

Easily soluble in water, dissolves rapidly.

Effective over a wide pH range; does not alter the system pH.

Dry product minimizes storage requirements.

#### GENERAL SPECIFICATION

|                       |                              |
|-----------------------|------------------------------|
| Appearance            | : White Granular Powder      |
| Odor                  | : Odorless                   |
| pH of (0.1%) solution | : 7-8                        |
| Solubility in Water   | : Miscible in all proportion |
| Particle Size         | : 20~100 Mesh                |
| Flammable             | : Non-flammable              |

| Item                       | Specification             |
|----------------------------|---------------------------|
| Appearance                 | White powder              |
| Solid content              | 90%                       |
| Dissolved time             | 60 min                    |
| Effective pH range         | 4 – 11                    |
| Residues                   | ≤0.05%                    |
| pH (0.1%)                  | 7 – 8                     |
| Ionic charge               | Anionic                   |
| Charge density             | Medium                    |
| Molecular Weight           | 8-10 million              |
| Recommending Working Conc. | 0.1%                      |
| Package                    | 25 kg White bag on pallet |
| Shelf Life                 | 2 Year                    |

## TREATMENT AND DOSAGE REQUIREMENT

Typical dose rate for a coagulant can vary depending on the application and operation conditions (Suggested to dilute to Conc. 0.1-0.5%). For further assistance concerning the dosage rate of TW-8120, please contact TWATCO technical team for your support and assistant.

## Storage

Store in original packaging in cool, dry, well-ventilated area, away from sources of heat, flame and direct sunlight. TW 8120 as a solution is acidic. Avoid contact with skin, eyes or clothing. If skin comes into contact with this product, wash with water. If eyes are affected, flush with water for at least 15 minutes and get Medical attention.

## PACKING

**TW 8120** is supplied in 25 kg's net poly bag, or net Kraft paper bag.