



Tech

Technical Data

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CRIMSON 635 Anionic Polymer

GENERAL DESCRIPTION:

Crimson 635 is a white water-oil emulsion, anionic polyacrylamide, of high molecular weight and medium density charge. Crimson 635 draws pin floc into a more stable floc for easier filtration and is particularly useful in petroleum wastewaters. Performs best in a pH range of 7.0 - 9.0, although performance is possible within the range of 6 - 13.

PHYSICAL PROPERTIES:

- ◆ Appearance: White-milky emulsion
- ◆ Odor: Mild hydrocarbon, acrylate
- ◆ Density at 28 C: 1.07
- ◆ Viscosity at 28 deg C: < 2800 cps
- ◆ Activity: 32 %
- ◆ Charge-Density: 32 %
- ◆ Freezing Point: - 15 deg. C
- ◆ Shelf-life: 6 months from delivery, min.

ADVANTAGES:

- ◆ Effective in a variety of clarification and coagulation processes
- ◆ Highly concentrated
- ◆ More environmentally friendly than aluminum salts
- ◆ Aids solids reduction in centrifugation process
- ◆ Aids in dewatering sludge

DOSEAGE:

Because of the diverse nature of the applications for Crimson 635, the required dosage may be as low as 0.1 ppm or as high as 200 ppm. It is necessary, therefore, to determine the appropriate dosage level by means of laboratory "jar tests".

PACKAGE & HANDLING:

Crimson 635 is generally packaged in 55-gallon steel (or fiberglass) drums (500 lbs., net) which conform to Performance Oriented Packaging Specifications. A 275 gallon tote bin, weighing 2290 lbs. is also available. This product should not be used until a Material Safety Data Sheet has been reviewed by supervisory and operating personnel. Gloves, aprons, and safety glasses are recommended when working with this product. Store in a clean, dry area. Avoid contact with organic materials, concentrated acids, and highly alkaline materials. Keep containers closed when not in use and discard when empty. Protect from frost and do not store above 85°F for long periods of time. Harmonized Tariff Code: 3906.90.50 (Acrylic polymers - other).

[For more detail about product handling & safety info, please refer to the Material Safety Data Sheet](#)