

Product Data Sheet NNFEP3010A | PRE-HYDRATED

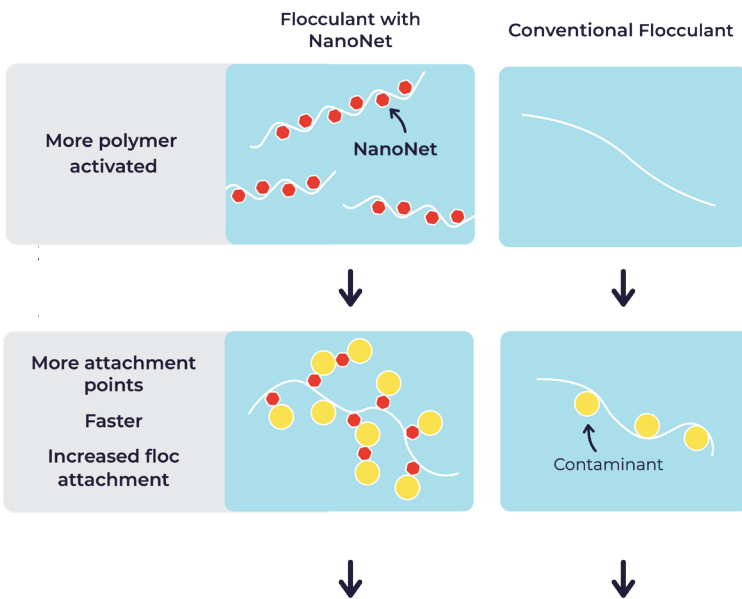
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SIMPLICITY & EFFICACY IN ONE PLUG-AND PLAY SOLUTION

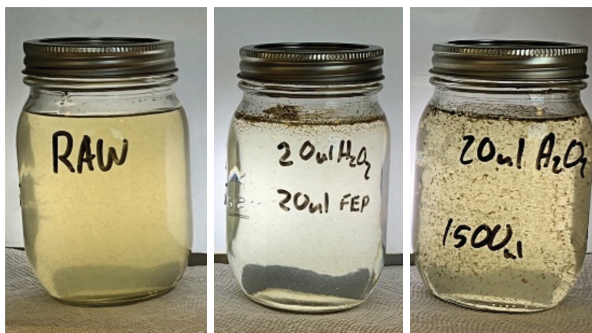
Nanonet FeP™ (FeP™) is a concentrated, anionic flocculant that does not require freshwater make-up. It performs well when combined with oxidants and is designed to replace conventional flocculants and coagulants in water treatment processes. It is specifically useful in removing iron and suspended solids.

FeP Flocculation Mechanism

PERFORMANCE



FeP™
contrasted to
conventional;
anionic, heavy
molecular
weight,
polyacrylamide
polymer



NOTE

20 ul, 32% H₂O₂ (50ppmv) treated produced water with FeP™ at a treatment rate of 50 ppm(v) compared to a 0.5% solution of the conventional product dosed at 3,750 ppm(v). The active polymer by weight for FeP™ is 0.5ppm(w) while the conventional product is 4.6881 ppm(w).

IMPORTANT PHYSICAL AND CHEMICAL PROPERTIES

(for a complete list see SDS)

Appearance – Water-based liquid

Color – Milky white to cream

Viscosity – 5,000 to 7,000

pH – 8.0 To 8.3

Density – 0.95 to 1.04

Odor – Mild/Sweet

Freeze Point – 32o F

Boiling Point – 212o F

Non-Flammable

Non-reactive and Stable



DELIVERY



FeP™ is delivered to site, ready to use, in 264-gallon (1,000 liter) IBC totes. It is classified non-hazardous for transportation purposes.

TECHNICAL SPECIFICATIONS

	NanoNet FeP™
Charge density	-10
Molecular weight	HMW
Specific gravity	0.95-1.04
Bulk viscosity (cP)*	5000-7000 Cps
pH	8-8.3
Storage temperature (C)	5-30
Shelf life (months)**	3-6

*Average values (measured at 30 rpm)

**When product is stored inside a building at a stable temperature at 30C