

Quality Polymers from



30Years of Innovation

RANTEC CORPORATION

PO Box 729
Ranchester, WY 82839

Phone (307) 655-9565
www.ranteccorp.com
Email: rantec@ranteccorp.com

RT 9528

Synthetic Polymer

DESCRIPTION

RT 9528 is a medium charge, high molecular weight anionic polyacrylamide flocculant supplied as a granular powder. It is effective over the pH range of 5 - 12.

TYPICAL PROPERTIES

Appearance	White granular solid
Bulk Density	45-50 lb/ft ³
Ionic Character	Anionic
Viscosity*(0.5% sol)	1500 -2000 cps
pH of 0.5% Sol.	7.0 ± 1.0
Molecular Weight (x106)	> 15

*Brookfield LVT, 30 rpm at 25°C in de-ionized water.

APPLICATIONS

RT 9528 has many uses as a primary flocculant and as a supplement to other polymer flocculants.

RT9528 should be made down in fresh water and allowed to completely hydrate prior to use. Typical make-down is at 0.1 to 0.3%. Use high shear mixing only to disperse the powder, then mix gently to avoid shear breakdown.

STORAGE & HANDLING

RT 9528 should be stored in a dry, cool warehouse protected from damage to packaging.

PACKAGING

RT 9528 is shipped in 55 lb multiwall paper bags.

Call Rantec for alternative packaging.

SAFETY

RT 9528 toxicity is low but normal precautionary clothing should be worn when handling this material. for additional information, see relevant Material Safety Data Sheet.