

BETAGARD 4012

POLYALUMINIUM CHLORIDE

Description BETAGARD 4012 is a yellow to dark amber liquid, functions as coagulant aid or sludge conditioning agent in liquid-solids separation processes. BETAGARD 4012 specialized used in water & waste water treatment for reduce of suspended solids (turbidity), color and other contaminants such as natural organic matter from surface water, colloidal particles, salt and clay are stabilized by surface electrostatic charges preventing the particles from coalescing

Properties

Physical Form	Yellow to amber liquid
% Al ₂ O ₃	Min 12%
Specific Gravity	1.15 – 1.25
pH	3.0 – 5.0
Basicity	Min 45%
Sulfate	3-5%
Fe	Max 0.01%

Dosage and Feeding

Actual dosage for BETAGARD 4012 should be determined in laboratory jar test. Please ask your technical assistant for jar test or plant trial.

Handling and storage

BETAGARD 4012 is a moderately acidic in nature, stable under ordinary conditions substance. The recommended materials of construction for solution handling include black iron, mild steel, fibre glass, plastic and other more resistant materials. Galvanized equipments should not be used. Close tightly the drum container after use. Refer to MSDS for additional information

Packing

Available in 25, 35 KG per pail, 240 KG per plastic drum or 1200 KG per tote.