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"FLOCCULANTS POWDER"
SNOWFLAKE BT
Mixed/Industrial and Oily Sludges
Technical Data Sheet

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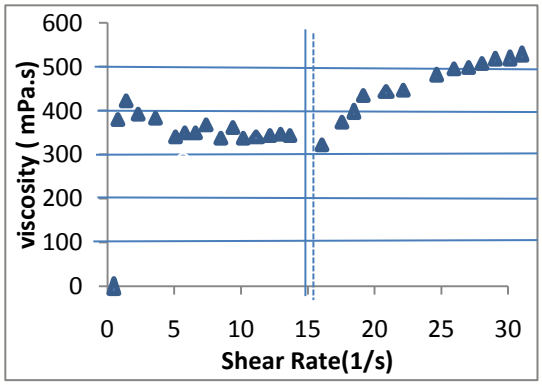
Description

Snowflake BT is a high molecular weight high charged polycation designed for municipal sludges with high fat/oil contents as well as in industrial waste water treatment. It is developed as a solution when conventional highly charged polymers do not de- water sufficiently rapidly. Dosages typically vary from 30-100 ppm on belts to upwards of 150ppm for centrifuges or mixed sludges. It is polyvalent working well at-varying levels of hydrophobicity. It has a very strong floc resistance and works extremely well on dewatering of highly viscous or high solids sludges.

Properties

Snow Flake BT is a white, course grained, free flowing powder. The particle size distribution is controlled to avoid dusting during application.



Demonstration of flocculation showing the effect of dosage the effect of dosage on floc size as well as the ability to re-flocculate after mechanical degradation. Virtually no floc size reduction is observed even at 1800rpm of shear.

Applications

Snow Flake BT is applied to digested and mixed sludges where a normally high charged flocculant does not give sufficient dewatering speed. Its higher charge and moderate molecular weight provide good floc strength, and extreme resistance to mechanical shear, wile the floc size is sufficiently small to permit fast separation.

Packaging

Snowflake is supplied in 25-kg plastic bags ,or, alternatively in 500-or 750-kg big bags. it has a two year shelf life.

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