



Orca 180C

Orca 180C is a highly effective organic cationic polymer flocculent. Orca 180C is used in various water treatment applications but has been chosen primarily for use in paint detackification systems as an additive for flotation enhancement and sludge conditioning. Orca 180C is very effective when used with a Cationic detackifier such as American Enterprise Industries' Shark 1207 or Shark 2001. The sludge resulting from this process can be more easily dewatered than sludge treated with detackifier only.

Features and Benefits

- More complete removal of sludge.
- Lower sludge disposal costs with increased dewatering.
- Fewer booth and pit cleanouts.
- Fewer particulate emissions up the stacks.

Typical Properties

Appearance	Viscous, milky white emulsion
Bulk Density	8.3 lbs./gal.
Solubility	Completely water soluble
Flash point	>200° F TCC
pH (0.5%)	7.0-8.0

Application Procedure

Orca 180C flocculent should be used diluted to 1% or less by volume and proportionately fed into the system as recommended by an American Enterprise Industries representative. For maximum flotation and dewatering the dilution should be made using a polymer mixing unit which provides sufficient time (about 20 minutes residence) for the polymer to completely Hydrolyze and uncoil.