

TRAMFLOC, INC.

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Technical Information Bulletin

TRAMFLOC® 166 RED MUD FLOCCULANT

Product Description

Tramfloc® 166 is an anionic polyacrylamide of very high molecular weight and ultra-high charge density. Tramfloc® 166 is supplied as a granular powder. Tramfloc® 166 is completely water soluble and produces high viscosity solutions at very low concentrations.

Uses

Tramfloc® 166 is used as a bauxite ore beneficiation agent. This flocculant is specifically designed for flocculation of washer muds. Tramfloc® 166 provides faster settling and more effective compaction than regular washer flocculants. It is effective over a wide range of alumina conditions.

Make-Down

It is recommended that stock solutions, 0.1-0.25%, be prepared from which further dilutions can be made.

Packaging

Tramfloc® 166 is available in 25 kgs bags packed 40 per pallet.

Handling and Storage

Polymer solutions should be made-down and diluted in stainless steel, FRP or plastic vessels. Amphoteric metallic components should be avoided. Make-down water temperatures should be between 40-145⁰ F. Unopened bags are hygroscopic and should be stored in a cool, dry place.

Safety and Health

Dry polymer spills should be left dry and swept up at once. Spills of solutions are extremely slippery. Precautions should be taken to prevent them from entering lakes or streams. Polymer can be flushed with copious amounts of water and disposed of according to local regulations or treated with an absorbent material, then collected for subsequent legal disposal. Tramfloc® 166 has been shown to exhibit a low order of toxicity. Nevertheless, precaution should be taken to prevent inhalation, ingestion or contact with skin or eyes. Observing basic industrial hygiene precautions should prevent any health or safety hazards.

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