



PRODUCT DATA SHEET

OX-PRO WT 5300 RANGE – Solid Polyacrylamide for Mining

PRODUCT DESCRIPTION

Ox-Pro WT 5300 range of solid polyacrylamide (PAM) is a polyelectrolyte, with ionic charges ranging from low to high, and high to ultra-high molecular weight and supplied in dry granular form. By adding Ox-Pro WT 5300 range of PAMs to the point of disposal makes the water release from tailing slurry faster and quicker in drying. This in turns improves the tailings dam holding capacity and allows water return to process faster; and increases the volume of recycling.

APPLICATION

Ox-Pro WT 5300 range of PAMs should be added with dilution with freshwater. A dosing pump diaphragm in a non-corrosive material is appropriate. Product dosage is subjected to the specific characteristics of the wastewater to be treated and each application.

Recommended concentration for make down is 0.25~0.5% (max). It is highly recommended to conduct lab or site test to validate the actual concentration and dosage to be applied.

Please contact Idealfluids Technical Service for proper dosage and specific control limits for the product.

MATERIALS COMPATIBILITY

Storage make down tanks and pipes must be made of appropriate non-corrosive material such as fiberglass or cross-linked polyethylene .

BENEFITS

- Maximise life of tailings dam
- Reduced evaporative loss and lower land management cost
- Shorter rehabilitation time
- Reduce fresh water demand
- High storage stability and granular product minimize storage requirements.
- Economical with high quality and performance product
- Lower dosage compared to liquid products

PHYSICAL PROPERTIES

Appearance	: White to off white granular solid
Specific Gravity	: 0.65~0.80
pH at 0.25% solution	: 6.0~8.0
Particle size	: 98% < 1000 µm
Solubility	: Complete in water
Packing	: 25 kg bag; or 750 kg bulk bag

PACKAGING & SAFETY INFORMATION

Storage periods for solids is 24 months, at 0~35°C Always handle with care and personal protective equipment to be worn. Refer to Product SDS for more information.

Contact Idealfluids Sales Team for Ox-Pro WT 5300 range of solid polyacrylamide for your mining needs.