



SOSPENSIL WO

Chemical Description

Inorganic electrolytes and natural polymers derivatives

Main Use

Anti settling agent for glazes and printing pastes

Typical Values

Appearance at 20 °C: Homogeneous brown paste

solubility in water: Dispersible in water at all ratio

Density g/l: approx 1082

Product Properties

SOSPENSIL WO is a liquid thickening agent capable to rise glaze and printing pastes' stability in time: it acts as an electrolyte thus augmenting the yield point and the plastic behaviour of the ceramic slip.

SOSPENSIL WO is formulated to suspend pigments in automatic dispensing systems (tintometers) especially where the pigment are suspended in water.

Its suspending action it's of great importance for most printing process .

The Thixotropy of SOSPENSIL WO make it easy either the storage or the dosing system .

Infact , SOSPENSIL is completely steady during the storage and becomes fluent when even a low rate shear stress is applied.

Applications

Tintometer system.

Each raw material which is going to be dosed , during the start up of Tintometer system, has to be studied carefully as all of them have different need due to their different chemistry.

Below a reference pattern for usage of SOSPENSIL in preparation of pigments:

Dry Pigment	Medium/water	SOSPENSIL
100	30÷50	4÷10

Storage and Handling

SOSPENSIL WO is stable to prolonged storage under condition where extreme temperatures do not occur. The product should be stored between 0°C and 35°C and the shelf life is at least twelve months if this condition is observed.

Packaging

50 kg plastic drums.

Material Safety

" Detailed health and safety information can be found in our safety data sheet, available according to ECC Directive."