

DESCRIPTION

FWG-10 is a low residue chemically modified polymer for thickening water based fluids. The product does not contain any internal breakers. Above pH 8 hydration is slow so that lumping is minimised. At low pH hydration is quite rapid.

FWG-10 can generally be used in fresh water, acid, salt water, potassium and calcium chloride brines and water:methanol mixtures containing up to 50% methanol. Breakers are required for this polymer.

APPLICATION

After dispersing the polymer in the fluid at a pH of 7-9, viscosity is achieved by lowering the pH to 4-5 by the addition of a solution of an acid such as acetic acid. For continuous mixing applications, the base fluid should have its pH lowered sufficiently to allow full viscosity to develop quickly.

Full viscosity will be achieved without lowering the pH but the hydration time is greatly increased. If this method is used to prepare the solution then it should be allowed to yield for 24hrs then recirculated immediately before use to ensure homogeneity.

PHYSICAL PROPERTIES

Appearance: Off-white to yellow powder

PACKAGING

Supplied in 25kg sacks

ADDITIONAL INFORMATION

None