

AQUACER 582

Emulsion based on a polyethylene wax for improving the surface properties of aqueous seed coatings.

Product Data

Composition

Non-ionic emulsion of a modified polyethylene wax

Typical Properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Non-volatile matter (60 min., 125 °C): 40 %
Carrier: Water
Melting point (wax content): 125 °C
Viscosity (23 °C, D=800/s): < 100 mPa·s
pH value: 9

Food Contact Legal Status

For the current food contact legal status, please contact our product safety department or visit www.byk.com for further information.

Storage and Transportation

Temperature sensitive. To be stored and transported between 5 °C and 35 °C. Stir before use.

Applications

Seed Coatings

Special Features and Benefits

AQUACER 582 improves seed wetting, increases the surface slip of the coating, causing an anti-blocking effect. This results in the seeds being free flowing and improves plantability. Dust formation is reduced as a result of the higher abrasion resistance.

Recommended Use

The wax emulsion is recommended for aqueous seed coatings. It is used as an additive in systems with polymeric binders and can also replace those binders as a film-forming substance.

Recommended Levels

10-30 % (as supplied) based upon the total formulation when used in polymeric binders.

70-90 % (as supplied) based upon the total formulation when used as a replacement for polymeric binders.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Incorporation and Processing Instructions

The wax additive should preferably be incorporated at a low shear rate. Stir well before use.