



RESICEL G 14470

Chemical Description

Synthetic polymers in glycol derivatives

Main use

Concentrate polymers for glass and third firing

Typical values

Appearance at 20°C: Yellowish liquid viscous

Density (g/l): 980 - 1040

Active content (%): 28 - 32

Solubility: Soluble in water

Product properties

RESICEL G 14470 is a concentrate acrylic based in glycol derivatives water soluble and used as a strong binder and filming agent in mainly application especially in glass industry and third firing decoration application were is required a strong binding effect after drying to move the pieces of glass decorated by hand.

Often used like a binding polymers in medium formulation for printing paste in glass decoration gives the follow properties:

- low viscosity in the medium system
- easy and fast to dissolve in solvents
- good dispersing properties
- good binding effect after drying
- washable in water
- eco-friendly
- good burning characteristics

Applications

RESICEL G 14470 give a tenacious and plastic film and is released after burning at very fast kiln firing cycles.

The application range of **RESICEL G 14470** includes all the cases in which more cohesion is required facilitating the compactness after the decoration multi process.

Dosage:

RESICEL G 14470 is commonly added in the following range :

10 - 20 % on the medium formulation for glass and third firing application or 5÷ 10% directly in the printing paste ready to use

Storage and handling

RESICEL G 14470 is stable to prolonged storage under condition where extreme temperatures do not occur. The product should be stored between 5°C and 35°C and the shelf life is at least 12 months if this condition is observed.

Packaging

1000 kg plastic drums.

Material safety

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

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