

GOLDCRYL ECP

High viscosity thickener for printing paste with pigments or dyes.

Fields of Application:

- Thickener for continuous and screen printing.

Features:

- High viscosity thickener.
- Quantities for use around 10 g/kg up to 14 g/kg in printing paste with pigment.
- It increases color yield.
- It guarantees the obtaining of vivid and bright colors.
- It results in an excellent pasta rheology.
- As any other thickener is sensitive to electrolytes.
- The product has good stability if it is stored according to SDS guidelines. Avoid sudden changes of temperature.
- This product fits the requirements of ZDHC program (Zero Discharge of Hazardous Chemicals).

Physicochemical parameters:

Aspect	Milky liquid.
Chemical Nature	Copolymer based on ammonium acrylate.
Ionic character	Anionic.
Solubility	Water miscible.
pH paste	7.5 – 8.5
Paste viscosity (clear) (RVT, S6, V20, 25°C) ¹	11,000 – 16,000 cp
Compatibility	Compatible with nonionic and anionic products generally used in printing with pigments, however it is recommended previously tests.

Application:

- The printing pastes stability is 1 to 2 weeks if it is stored covered and in a fresh place.
- The addition of a preservative against fungi and bacteria ensures a good paste storage stability.
- To prepare printing paste with black pigments, it is recommended to use 7.0 to 8.0 g/Kg Goldcryl ECP.
- The paste pH adjustment to 8.0 – 8.5 optimizes the quantity of thickener added and can be achieve a reduction up to 10%. To adjust the pH is recommended the Goldstab P product.

Quantity	It is recommended to use 10.0 – 14.0 g/Kg Goldcryl ECP for the clear paste preparation.
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For data of security, ecological and toxicological, see the Safety Data Sheet (SDS).

Note: Given the variety of substrates and applications processes, the information provided with fidelity should be understood as a guidance tool, therefore we cannot be responsible for any damages resulting from an inappropriate use. The data contained in this technical informative are based on current knowledge and applications of our products performed. Additional information can be obtained from our technical department. Review: 01/10/2018.

¹ RVT, S6, V20 - Rotational viscometer (Brookfield) type RVT - Viscosity Measurement in Spindle 6, speed 20 RPM.