

Color Ink PP PAMC

Description

COLOR INK PP PAMC are special polyamidic inks, with a high concentration of pigments, designed for the printing of PP tapes.

If added with the 50% of our ADDITIVE ST2 they can be used for the printing of water based acrylic adhesives PP tapes, or printable hot-melt PP tapes or printable solvent based PP tapes (including low-noise). This special formulation produces a bright and well covering printing, with an extraordinary ageing resistance and non blocking effect.

They can be used also for the three stations printing process of any kind of PP adhesive tapes and for the two stations printing process of PP acrylic tapes with corona treatment, ink and release coating.

Application

A) One station printing process: water acrylic adhesive PP tapes, easy printable tapes (add 50% of ADDITIVE ST2).

B) Two stations printing process: water acrylic adhesive PP tapes with corona treatment, ink and release coating (dilute them with 50% of DILUENT C PAM : heptane- ipa: 1-1).

C) Three stations printing process: any kind of PP adhesive tapes with PRIMER EPX-2, ink and RELEASE PP25 DIL. (dilute the inks with 50% of DILUENT C PAM : heptane- ipa: 1-1).

Technical Specifications

Method of analysis	MU	Standard
67. Ford Cup Viscosity ⁽¹⁾	sec.	17 - 52 ⁽²⁾
68. Adhesion		conforming
69. Tone		conforming

⁽¹⁾ n. 4

⁽²⁾ n. 4 at 25°C

Handling

In case A add the 50% of ADDITIVE ST2 stirring and warming up to 25-30° C.

Water photopolymer cliché must be used (like type "BF" or "Jet-plate", supplied by CARTOMAC FURNITURE SRL, by SIAT SPA, Italy or IWA PLATE, Japan) resistant to aromatic solvents. During the printing of "easy printable" tapes remember to warm up the printing machine cylinder surface at 45° C (set the inner temperature at about 150° C).

In case B or C dilute the inks with 50% of our DILUENT C PAM (heptane-isopropyl alcohol 1:1)

Packing

COLOR INKS PP PAMC are supplied in 10 kg or 20 Kg drums.

Storing

Shelf life is over 6 months, when properly stored at temperatures between +5 and +40°C.

After the addition of ADDITIVE ST2 the inks become sensitive to cold temperature: if storage temperature is below +18°C, the additive could gel. In this case warm products up to +35°C or more (but note that they are easy flammable) with a warm bath and stir them well. If working temperature is below +18°C, inks could gel in the printing machine basin. In this case add warmer product and stir it well.