



HEMACRYL AWS

ACRYLIC BINDER FOR WATER BASE PIGMENT PRINTING

HEMACRYL AWS is an APEO free Acrylic Co -Polymer Emulsion with soft, durable film properties. Due to its Unique Emulsifying properties HEMACRYL AWS give higher print paste viscosity with same amount of thickener.

HEMACRYL – AWS is easily miscible with cold water. It mainly used for water based pigment printing of cotton, Viscose material and gives soft and durable film properties. The print obtained using HEMACRYL AWS posses very good all round fastness and excellent colour value.

TYPICAL PROPERTIES:

Appearance : Milky white liquid
pH (as packed) : 6 to 8

Since HEMACRYL AWS is a self cross linking acrylic emulsion. Catalyst is not necessary to achieve film durability where curing conditions are optimum(3 minutes at 150 Deg.C) But where curing conditions are less than optimum an acid or latent acid catalyst is recommended. The use of catalysts like Di -ammonium phosphate is recommended.



APPLICATION:

PIGMENT PRINTING:

With Water base System:

HEMACRYL – AWS : 12 TO 15 Parts

ARGOPRINF 160

OV Equivalent : 1.5 to 1.7

WATER : Bal water

TOTAL : 100 PARTS

Neutralized to pH 8.5. to 9 with liquor ammonia.

FIXER CCL : 03 PARTS

Fixer is added just before printing.

Binder dosages will be depending on the % shade of pigment.

Note: The neutralization should be done only after the addition of catalyst. Little excess of Liquor Ammonia would not in any way harm the print paste. Print paste should be filtered well before it is taken for printing.

NOTE : The information given in this technical bulletin is based on data believed to be reliable and is given in good faith. We do not guarantee the results to be obtained nor we assure any liability in this respect.