

POLIVA – TPB

Textile Print Binder

POLIVA - TPB is an acrylic derivatives copolymer emulsion act as pigment binder for screen and rotary printing of textiles formulated to combine optimum softness with exceptional wash fastness and dry clean resistance. It is particularly effective on cotton and polyester - cotton blends but can also be used on many other fabrics.

Specifications:

Appearance	: Low viscosity emulsion with slight odor.
Solid content	: 40% ± 1
Ionicity	: Non-ionic
pH	: 6.5 - 7.5
Viscosity	: 25 - 100 cps. (Brookfield RVT Spindle # 1, rpm 20 @ 25°C)
Solubility	: Dilutable with water in all proportions.

Viscosity Stability :

Unlike all print binders, which tend to reduce the viscosity of print pastes to which it has been added, **POLIVA - TPB** has less effect on viscosity than other binders of its type. Typically this allows thickener consumption to be reduced by up to 10 % without altering print paste viscosity.

Application:

Normal use levels from 5 - 15% of total print paste formulation depending on depth of shade to be printed.

For optimum performance curing @150°C for 3 minutes is required, however in that higher temperatures can be used for shorter periods or lower temperature for longer periods.

The conditioning cycle is such that maximum properties are not reached until approx. 72 hrs. after curing .

Packaging & storage:

POLIVA - TPB is available in 125 kilo plastic drum.
Shelf life will be at least 6 months in original closed drums.

Please stir well before use.

Keep @ temperature max. 40°C.