TECHNICAL DATA SHEET
Solvent based- **Polybond**

Description: Polyamidic resin based inks for flexo printing.

Printable substrates: - Polyethylene Corona treated.
                - PPL coextruded, Corona treated (minimum 38 dynes/cm).
                - PPL cast, Corona treated (minimum 38 dynes/cm).
                - PPL oriented, Corona treated (minimum 38 dynes/cm).
                - Paper any kind.

Main features: **-** Excellent gloss, superior to nitro based inks.
                - Excellent printability.
                - Good yield and opacity.
                - Thermo resistance: $110\text{-}120^0C$
                - Not suitable for deep freezing due to the insufficient water resistance.
                - Not advisable for lamination.

Viscosity: **-** Polibond inks 40"-90" sec
                - Black 40"-70" sec
                - White, Silver and Gold 30"-50" sec
                - Matt colors 30"-100" sec

                *Tested in instrument **Ford cup 4, 25ºC**

Dilution: 20% minimum by balanced solvent (secondary butyl alcohol) or fast
                solvent (Octane) and I.P.A.

Retarder: If necessary, we suggest the use of isobutanol.

Complementary   Polibond Extender Varnish to reduce strength without lowering
products: too much the viscosity.

Notice: The frost resistance is 2-3ºC below Zero for colours; for Gold, Silver and Gold
                Varnish: +6ºC.
                In case of jellification due to chill, it is sufficient to bring again for few hours the
                ink to a temperature of at least 10ºC; then stir well; the ink will return to its
                original viscosity, without alterations.
                To avoid jellification, it's then better to store in rooms with a temperature not
                lower than 2-3ºC; for ready Gold and Silver and Gold Varnish: temperature not
                lower than 7-8ºC.

Shelf life: 12 months from the date of the production.

General notes: The data presented are based on experience and knowledge accumulated over the years. We reserve the right to update and/or change it without notice.

Obtaining the desired results is contingent upon correct product application while adhering to instructions of use. Please ensure you check before applying the product that it is indeed designed for the intended usage and that the surfaces to be printed are properly suitable to apply the product.