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PLASTISOL

GENERAL CHARACTERISTICS

PLASTISOL is a printing emulsion paste for textiles based on our production and technology. Due to its unique formulation it is easy for printing, does not dry on metallic plates, it has excellent covertness on dark textiles and good adhesion to all known types of textiles. **PLASTISOL** is produced in a variety of colors and if they are mixed, the range of colors becomes unlimited. It can be generated into all tints of colors (Pantone, NCS, HKS).

Depending on patterns **PLASTISOL** can create an endless variety of patterns, colors and applications. It is a marvelous product for professional user which adds flexibility to his work and competitiveness to his market.

PLASTISOL is not designed for dyeing textile fibers. The surface has to be porous in order to achieve good adhesion on the plates. For these reasons it is not recommended for non-porous substrates like plastic, metallic surfaces, glass etc.

TECHNICAL CHARACTERISTICS

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|---|-----------------------------|
| Appearance: | Paste liquid |
| Color: | In variety of colors |
| Density according to EN 1183-1:2004 | 1.55-1.57gr/cm ³ |
| Viscosity according to EN 3219:1994 | 380-400 dPas (23 °C) |
| Shore A hardness according to EN 868: 2003 | 23-25 |
| Tensile strength according to EN 527-3: 1995 | 1.8-1.81 Mpa |
| Elongation at break according to EN 527-3: 1995 | 125-130% |
| Abrasion resistance according to EN 5470-1 | 11-12mg after 1000 cycles |
| Final strength | 20-30sec |
| Consumption | 15m ² /lt |
| Temperature of application (oven) | 160°C |
| Cleaning | Odorless solvent |

PREPARATION-APPLICATION

The substrate of the metallic plate must be clean and free of dust, loose particles etc. Apply the product with a spatula so that will cover the whole surface without leaving gaps/spaces. Posit the plate into the oven. Adjust oven temperature at 160°C and start the procedure of printing according to oven specifications. In case that printing creates gaps/spaces inspect the plate and then add more **PLASTISOL**. After printing leave textile into environment temperature.

APPLICATION TOOLS

Spatula, Metallic plates

PACKAGING

1lt, 5lt

STORAGE

At least two years in dry places with temperature range 5°C - 38 °C

CAUTION

Keep out of reach of children. For more information consult Material Safety Data Sheet.