
TUBIPERL ME 115 FF

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| Characterization | Formaldehyde-free** ready for use paste for producing golden prints free from heavy metals |
| Chemical Structure | Specifically adjusted, pigmented acrylate dispersion |
| Supplied Form | Golden, medium viscosity paste |
| Ionic Character | Anionic |
| pH Value | 6.2 - 8.4 |
| Storage | If stored properly in a cool place between + 5 °C and + 40 °C in closed original containers, the product will hold for at least 12 months. Protect from frost impact and excessive heat; irreversible changes will occur after the impact of temperatures around the freezing point. Stir the product thoroughly before using it. Opened containers must be closed again tightly. |

The above given values are product describing data. Please consult the 'delivery specification' for binding product specifications. Further data about product properties, toxicological, ecological data as well as data relevant to safety can be found in the safety data sheet.

Properties

TUBIPERL ME 115 FF

- neither contains nor releases any formaldehyde, so that requirements of various ecological labels are fully met
- contains no golden bronze
- has good running properties and a good opacity
- produces soft and flexible prints with a high brilliancy which are stable to dry cleaning, washing and dry and wet abrasion

Application Procedure

Fibre Materials

TUBIPERL ME 115 FF can be applied on any type of textile substrate which is sufficiently heat-resistant.

Print Paste Preparation

Prints with various golden shades can be produced by using colour pigments.

For an optimum printing result and good running properties the print paste viscosity must be adjusted in the correct way. Up to 5.0 % water at the most can be added for decreasing the viscosity without distinctly impairing the fastnesses. For increasing the viscosity a synthetic thickener (e.g. TUBIVIS DRL 170) ought to be used.

Moreover, suitable softeners (TUBISOFT SEM: 5 – 10 g/kg) and/or the corresponding crosslinking agents (TUBIFIX P 70: 5 – 20 g/kg) can be added shortly before processing the ready for use formulation in order to meet individual demands on the handle and the fastnesses.

Most problems with the running properties can be solved by adding 10 - 30 g/kg TUBIPRINT BL.

Printing Process

TUBIPERL ME 115 FF is equally suited for use in flat bed, rotary and roller printing. The following screen finenesses are recommended:

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| for flat bed printing: | 29 - 38 threads/cm |
| for rotary printing: | 60 or up to 105 mesh Penta at the most or 135 Nova |

Pretrials have to be carried out for other applications such as coating.

Drying and Fixation Terms

Like in pigment printing a thermal crosslinking of the binder system - preferably for 5 - 2 min at 150 - 170 °C - must be carried out after the usual drying process above 130 °C. For increasing the gloss the prints can be additionally calendered.

*To us formaldehyde-free means that all recipe components neither contain nor release formaldehyde during production or processing.

We reserve the right to modify the product and technical leaflet.

Our department for applied technique is always at your service for further information and advice.

Our technical advice and recommendations given verbally, in writing or by trials are believed to be correct. They are neither binding with regard to possible rights of third parties nor do they exempt you from your task of examining the suitability of our products for the intended use. We cannot accept any responsibility for application and processing methods which are beyond our control.

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