

TUBIFAST CC

Characterisation	Aqueous, self-crosslinking synthetic dispersion
Chemical Composition	Copolymer in aqueous dispersion
Appearance	Milky-white dispersion
Ionic Character	Non-ionic
pH Value	3.5 – 5.0
Specific Weight at 20 °C	Approx. 1.05
Stabilities/ Compatibility	<p>TUBIFAST CC is very well compatible with the auxiliaries usually applied in pigment printing.</p> <p>The product is highly sensitive to frost; after the impact of temperatures around the freezing point irreversible changes will occur.</p> <p>The product is sensitive to heat as of 40 °C.</p>
Storage	<p>In a cool and dry place in tightly closed original containers but not below + 5 °C and above 40 °C. Opened containers must be closed again well. The product must be protected from frost. We recommend not exceeding a storage time of 12 months.</p>

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

TUBIFAST CC serves as binder for producing pigment print pastes which stand out for a good biodegradability.

Film Properties

After crosslinking TUBIFAST CC forms a transparent, soft and flexible film. TUBIFAST CC does not cloud the dye pigments.

Application Technique

Fibre Materials

TUBIFAST CC can be applied on all kinds of fibre materials commonly used in textile printing.

Recipe Recommendations for Print Pastes

Water (soft)	x
TUBIFAST CC	100 – 280
TUBISOFT CC PEN	5 – 20
Urea solution 40 %	60
TUBIVIS CC	35 – 45
BEZAPRINT CC pigment	y
Ammonia sol. 25% to pH 7,5-8,5	z
Total	1000

The pH value will have to be adjusted by adding ammonia solution 25 %.

pH value of the print pastes: 7.5 – 8.5

Fixation Terms

For sufficient fastnesses we recommend a fixation at 150 °C for 4 – 5 min.

We generally do not recommend adding a fixation agent since this addition may deteriorate the particularly sustainable characteristics with regard to the biodegradability of TUBIFAST CC.

Storage of Ready-Made Print Pastes

If ready-made print pastes have to be stored for a prolonged period, it is advisable to cover them with a plastic film. By adding ammonia the pH value of the print pastes ought to be additionally adjusted to at least 7.5 – 8.5. Straining the print pastes before printing is recommended.

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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