

TUBICOAT PUS

Characterization	Aliphatic polyester polyurethane dispersion
Ionic Character	Anionic
pH Value	6.5 – 8.0
Stabilities	The product is very sensitive to frost; after the impact of temperatures around the freezing point irreversible changes will occur. TUBICOAT PUS is sensitive to temperatures higher than 30 °C.
Storage	The product will hold for 12 months if stored at 25 °C in closed original containers.

Properties

TUBICOAT PUS

- results in soft, non-tacky and elastic films with a good fastness to light
- is free from organic solvents
- is very well foamable by means of dynamic foam blenders
- can be easily pigmented and is compatible with many other auxiliaries

Application Procedure

TUBICOAT PUS is applied for coating e. g.:

- wovens and knits,
- suitcases and bags,
- fashionable shoe material.

For achieving special effects TUBICOAT PUS can be blended with

- acrylate dispersions (e.g. TUBICOAT A 17)
- suitable silicone dispersions (e.g. TUBICOAT SI 55 with ammonia)

Before using such blends, however, it is indispensable to carry out compatibility tests first.

For thickening TUBICOAT PUS we recommend a thickener based on polyacrylic acid, e.g. TUBICOAT VERDICKER LP or TUBICOAT VERDICKER ASD with ammonia.

TUBICOAT PUS can be applied by common coating techniques (knife, screen, etc.)

Drying and Fixation Terms

In order to achieve good fastnesses, we recommend fixing temperatures of at least 140 °C.

When using acrylate or silicone dispersions the drying and fixation terms have to be adjusted.

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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