

## TUBIGAT R 132

<b>Characterization</b>	Auxiliary for improving the sharpness of outlines and colour depth in pigment printing
<b>Chemical Structure</b>	Polymeric acid dispersion
<b>Supplied Form</b>	White liquid
<b>Ionic Character</b>	Anionic
<b>pH Value</b>	3.0 - 5.0
<b>Specific Weight at 20 °C</b>	Approx. 1.05
<b>Stability</b>	<p>TUBIGAT R 132 is compatible with all auxiliaries and dyestuffs used in pigment printing.</p> <p>The product is very sensitive to frost. Temperatures around the freezing point cause irrevocable changes.</p> <p>TUBIGAT R 132 is sensitive to temperatures above 40 °C.</p>
<b>Storage</b>	In a cool and dry place, in well-closed original containers. Protect from humidity. We recommend not exceeding a storage time of 12 months. Opened containers must be closed again tightly.

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## Properties

### Viscosity / Rheology

TUBIGAT R 132 increases the viscosity and modifies the rheology in pigment print pastes.

### Colour Yield

TUBIGAT R 132 increases the colour yield of the prints through an optimised surface print.

### Colour Fastnesses

TUBIGAT R 132 has no negative influence colour fastnesses of the pigment print.

### Sharpness of Outlines

TUBIGAT R 132 prevents outlines from bleeding in pigment prints on synthetic fibres and their blends with natural fibres.

## **Application Procedure**

### **Application Amounts**

Application amounts are between 5.0 – 10.0 g/kg TUBIGAT R 132 in the pigment print paste depending on the operative requirements.

Since TUBIGAT R 132 has an acid pH value, it is absolutely necessary to control the pH value of the stock after adding the auxiliary and to adjust the paste alkaline with ammonia solution.

### **Recommendation for Use**

TUBIGAT R 132 is preferably used for improving the sharpness of outlines in pigment printing on textiles made of synthetic fibres and their blends with natural or regenerated cellulose fibres, for increasing the colour yield and for improving the surface print.

TUBIGAT R 132 simultaneously increases the viscosity and reduces the sensitivity of synthetic thickeners to electrolytes both in all-aqueous pigment print pastes and those containing white spirit.

**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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