
TUBIGAT A 60

Characterization	Emulsifier for pigment printing
Chemical Structure	EO adduct
Supplied Form	Viscous, slightly yellowish to slightly brownish liquid
Ionic Character	Non-ionic
pH Value	6.0 - 8.0 in a 1.0 % solution
Solubility	TUBIGAT A 60 can be mixed with water at any ratio.
Stabilities	<p>TUBIGAT A 60 is well compatible with all dyestuff classes and binder emulsions.</p> <p>The product is sensitive to frost to a certain extent. Changes occurring at low temperatures disappear when the product is heated and thoroughly stirred.</p>
Storage	In a cool and dry place in closed original containers. Protect from humidity. We recommend not exceeding a storage time of 12 months. Due to a possible phase separation the product has to be stirred before use. 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

Performance

TUBIGAT A 60 improves the running properties of print pastes and reduces the risk of drying of the pastes into the screens, which means that the addition of other common auxiliaries can be omitted in most cases. TUBIGAT A 60 has a stabilizing effect on the pigment dyestuff and binder dispersions and an excellent emulsifying power on all types of white spirit commonly used in textile printing. Thus, the production of pigment print pastes containing white spirit is highly facilitated.

Application Procedure

With TUBIGAT A 60 semi-emulsions can be produced in an easy and simple way, particularly for pigment printing.

Like all emulsifiers TUBIGAT A 60 is incorporated in the water phase. As thickening component providing the solid character fully synthetic thickeners or highly viscous natural thickeners are usually applied. The further proceeding with the emulsion production remains unchanged. Care must be taken that the thickener has completely swollen before the white spirit is added.

The application amount of TUBIGAT A 60 is 10 - 20 g/kg in print pastes containing white spirit. If TUBIGAT A 60 is applied in print pastes which are free from white spirit in order to improve the running properties, the application amount is 5.0 – 10.0 g/kg.

Recipe Recommendation

	x g	water
1.0 -	2.0 g	CHT-ENTSCHAUMER BSN
5.0 -	10.0 g	TUBIGAT A 60
50.0 -	250.0 g	TUBIFAST
	y g	TUBIVIS
2.0 -	10.0 g	TUBISOFT
5.0 -	10.0 g	TUBIFIX
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	1,000.0 g	

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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