
SILCO GA 1111

Characterization	Wetting and dispersing additive for aqueous systems
Chemical Structure	Hydroxyfunctional blockcopolymer in water
Appearance	Yellowish, clear liquid
pH-Value	6.0 - 9.0
Non volatile matter	50 % + - 1
Ionic Character	Non ionic
Storage	The product is stable for at least 18 months at well-ventilated areas. Avoid temperatures below 4 °C and above 40 °C. Prevent from freezing.

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

- Highly effective
- Broad compatibility with water based binder systems in alkaline medium
- Excellent storage stability of pigment concentrates
- Excellent colour strength development
- Excellent shock stability
- Good water resistance
- Suitable for resin based and resin free pigment grinding
- VOC-free acc. to EU 2004/42/EG
- Free from mineral oils and APEO
- Compliant with relevant FDA regulations

Application Technique

Application Fields

Due to its chemical structure SILCO GA 1111 is particularly recommended as wetting and dispersing additive for organic pigments and carbon black.

Preferred fields of application:

- Printing inks
- Water based systems

Recommendation for Use

We recommend a dosage of 1 - 10 % calculated on the total pigment weight.

The optimal dosage has to be determined through preliminary tests. The dosage depends on the pigment's chemical nature, the shape and the particle surface.

The additive should be added to the mill base before predispersion.

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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