PRODUCT INFORMATION

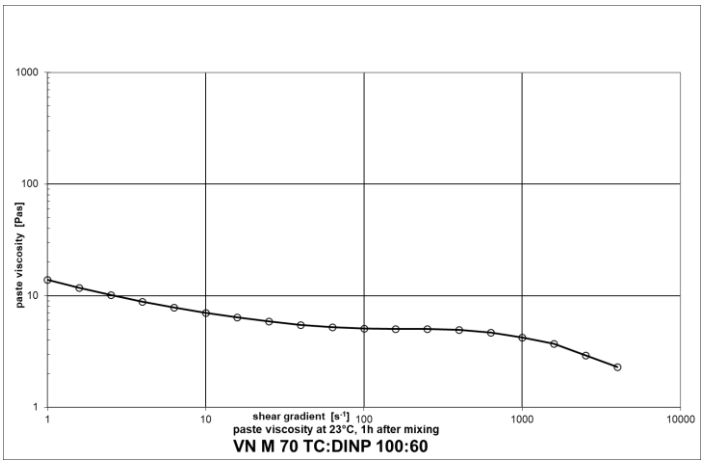
®Vinnolit M 70 TC

Vinnolit M 70 TC GreenVin®
Vinnolit M 70 TC GreenVin® bio-attributed

PVC for paste application

Brief Description

®Vinnolit M 70 TC is a fine-grained homopolymer that can be easily formulated into a storage-stable plastisol with medium viscosity and slight pseudoplasticity.



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The plastisols made of ®Vinnolit M 70 TC with a medium plasticizer content exhibit a moderate pseudoplastic rheology (see diagram) without dilatancy at high shear rates.

®Vinnolit M 70 TC films offer excellent thermal stability and low water absorption. These properties make the product ideal to use for textile coatings (e.g., for tarpaulin fabrics, advertising banners, textile tent structures, conveyor belts, etc.).

RAW MATERIAL PROPERTIES	TYPICAL VALUE*	UNIT	TEST METHOD	
			DIN EN ISO	ISO
K-value	70	-	1628-2	1628-2
Particle size distribution: sieve retention retained on 0.063 mm screen	≤ 0.5	%	53195	-
Volatile matter	≤ 0.35	%	1269	1269
Emulsifier content	medium	-	-	-

* The values given above are **typical** test results which should be used as a guide only. They do not form the whole or part of a specification or guarantee.

®Vinnolit = registered trademark of Westlake Vinnolit GmbH & Co. KG, Germany

Processing and Application

Plastisols based on ®Vinnolit M 70 TC can be easily processed by all common technologies.

®Vinnolit M 70 TC is characterized by the following outstanding **properties**:

- Medium paste viscosity at low shear rates
- Very good thermal stability
- Very good adhesion to textile substrates
- Extraordinarily high gelation speed
- High filler tolerance
- Low water absorption

The **main applications** are:

- Textile coatings, both basecoat and topcoat
- Basecoat and topcoat for synthetic leather applications, including those with higher filler content

Packaging, Delivery and Storage

The product is supplied in 25 kg bags as well as in bulk form.

®Vinnolit M 70 TC should be stored dry and away from direct or indirect sources of heat. Please consult the safety data sheet for information about the safety precautions necessary for transport, storage, blending and processing.

General Information

Further processing information and recommendations can be obtained from our Technical Service department.

Vinnolit M 70 TC GreenVin® is produced with 100% renewable electricity (GOs). Additionally, renewable Ethylene is used for Vinnolit M 70 TC GreenVin® bio-attributed. See GreenVin® info sheet.

The information and specifications contained in this product information are, to the best of our knowledge, correct at the time of publication. They are intended solely to provide general information about our products and their possible applications and do not constitute an agreement on quality or a guarantee of specific properties or suitability for a particular purpose. Due to the numerous factors beyond our control relating to storage, processing, and combination with third-party raw materials, the customer is obliged to determine the suitability of the product for the intended use by conducting their own tests and trials. The customer is also obliged to check and observe any third-party industrial property rights before use. Our General Terms and Conditions of Sale apply in addition.

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