PRODUCT INFORMATION

®Vinnolit MP 7151

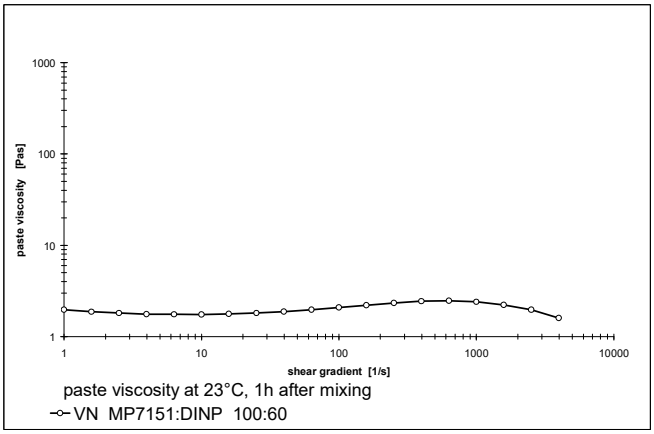
Vinnolit MP 7151 GreenVin®
Vinnolit MP 7151 GreenVin® bio-attributed

PVC for paste application

Brief Description

®Vinnolit MP 7151 is a fine grained PVC homopolymer with a medium emulsifier content. It yields plastisols exhibiting a very low viscosity at low/high shear rates and a Newtonian flow characteristic even at low plasticizer contents (40 - 60 phr).

Plastisols with ®Vinnolit MP 7151 show a very low viscous, homogeneous flow behavior and very high filler tolerance, which makes it perfectly useful for higher speed coating process, e.g. in flooring base coatings, rotary screen printing applications as well as for textile base coats. Additionally, a very good pot life characteristic and good thermostability bringing added value in that fields of application.



RAW MATERIAL PROPERTIES	TYPICAL VALUE*	UNIT	TEST METHOD	
			DIN EN ISO	ISO
K-value	71	-	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 containing ®Vinnolit MP 7151 can be processed with all common technologies.

®Vinnolit MP 7151 produces plastisols, which are ideal for the manufacture of highly filled/high solids compact coatings. As the polymer has a fine particle size, it is especially suitable for thin coatings on fabric or paper producing a semi-gloss surface finish.

®Vinnolit MP 7151 plastisols can also be applied by high-speed reverse roll or rotary screen coating processes.

®Vinnolit MP 7151 shows the following outstanding **properties**:

- Very low paste viscosity, even over longer times (storage stability)
- High filler tolerance
- Good compatibility with common adhesion promoter
- Good adhesion to textile fabrics

The main **applications** are:

- The production of compact vinyl wallpaper base with low coating weights, both on high speed reverse-roll coating lines and on rotary screen coating lines. High solid content plastisols exhibiting Newtonian flow characteristics at very high shear rate
- Very low viscosity plastisols with high filler loading for fabric impregnation e.g. in conveyor belting carcasses, flooring and carpet tile backings
- Glass fleece impregnation for flooring base coatings
- Dip coating

Packaging, Delivery and Storage

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

®Vinnolit MP 7151 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 MP 7151 GreenVin® is produced with 100% renewable electricity (GOs). Additionally, renewable Ethylene is used for Vinnolit MP 7151 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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Westlake Vinnolit GmbH & Co. KG
Carl-Zeiss-Ring 25
85737 Ismaning
Germany

Tel.: +49 (0)89 9 61 03-0
Fax: +49 (0)89 9 61 03-103
www.westlakevinnolit.com