

PRODUCT INFORMATION

®Vinnolit MP 6852

Vinnolit MP 6852 GreenVin® | Vinnolit MP 6852 GreenVin® bio-attributed

PVC for paste application

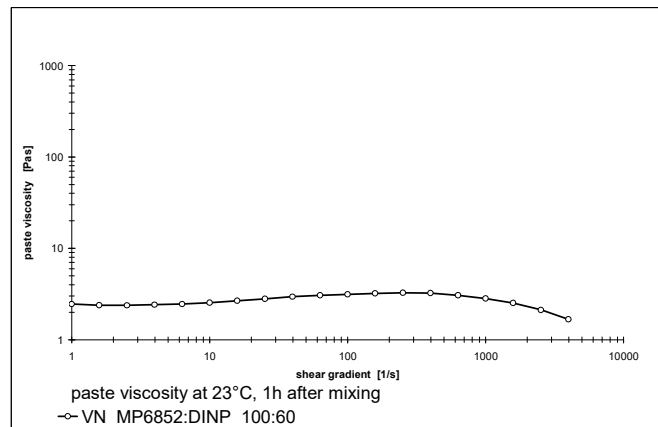
Brief Description

Vinnolit MP 6852 is a fine particle size, medium molecular weight homo-polymer with medium emulsifier content.

It produces plastisols exhibiting low viscosity at both low and high shear rates with essentially Newtonian flow characteristics with low plasticiser levels (40 - 60 phr).

®Vinnolit MP 6852 has been developed for low plasticiser and high filler level spread coatings, especially chemically blown foam coats for cushioned vinyl flooring, wall-coverings and synthetic leather, where a fine cell structure is required. ®Vinnolit MP 6852 is used for fine foams.

It exhibits generally excellent gelation/fusion rates and gives good thermal/light stability with a wide range of stabilisers. The use of high speed type mixers is recommended.



RAW MATERIAL PROPERTIES	TYPICAL VALUE*)	UNIT	TEST METHOD	
			DIN EN ISO	ISO
K-value	68	-	1628-2	1628-2
Reduced viscosity	116	ml/g	1628-2	1628-2
Apparent bulk density	0.370	g/ml	60	60
Particle size distribution: sieve retention retained on 0.063 mm screen	≤ 1	%	-	-
Volatile matter	≤ 0.35	%	1269	1269

*) 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.

Processing and Application

®Vinnolit MP 6852 produces plastisols with low plasticiser content which are ideal for low plasticiser/high filler level spread coatings-

®Vinnolit MP 6852 is especially suitable for chemically blown foam coats for cushioned vinyl flooring, wallcoverings and synthetic leather, where a fine cell structure is required.

It is also suitable for general purpose compact coating/moulding applications producing a gloss surface finish.

®Vinnolit MP 6852 plastisols can be applied by direct or transfer spread coating and rotational moulding processes, and is particularly suitable for heated drum gelation processes.

®Vinnolit MP 6852 exhibits the following outstanding **properties**:

- Low paste viscosity
- High powder fineness
- Fine cell structure
- Good contact gelation
- Good filler tolerance (benefits like low viscosity and good foam structure can also be achieved with high filler loads)
- Universal grade for compact and foam applications

Packaging, Delivery and Storage

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

®Vinnolit MP 6852 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 6852 GreenVin® is produced with 100% renewable electricity (GOs). Additionally, renewable Ethylene is used for Vinnolit MP 6852 GreenVin® bio-attributed. See GreenVin® info sheet.

The data and recommendations contained in this product information represent the current state of our knowledge and serve as a guide only to our products and their potential applications. Therefore, no warranty of specific properties of the products mentioned here in nor of their suitability or fitness for a particular purpose is implied.

The information given in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also used.

Patent or other proprietary rights of third parties must be observed. The quality of our products is warranted under the terms of our General Conditions of Sale.

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