

PRODUCT INFORMATION

®Vinnolit MP 8058

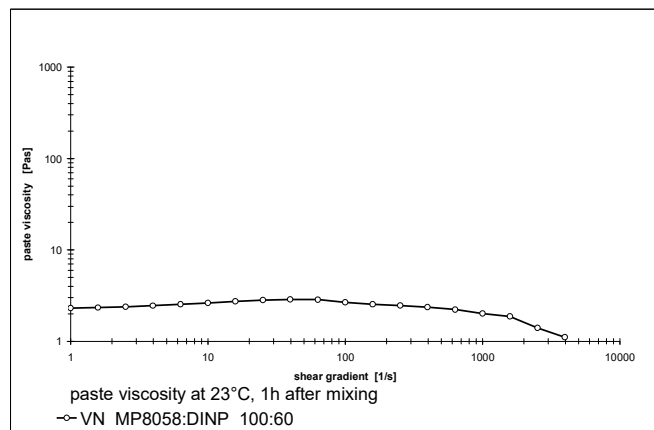
Vinnolit MP 8058 GreenVin® | Vinnolit MP 8058 GreenVin® bio-attributed

PVC for paste application

Brief Description

®Vinnolit MP 8058 is a high molecular weight homopolymer with low to medium emulsifier content.

It has been particularly developed for low plasticizer content compact spread coatings and mouldings requiring improved mechanical properties. It gives good thermal/light stability with a wide range of stabilizers especially organotin types. The use of high speed type mixers is recommended.



RAW MATERIAL PROPERTIES	TYPICAL VALUE*)	UNIT	TEST METHOD	
			DIN EN ISO	ISO
K-value	81	-	1628-2	1628-2
Reduced viscosity	174	ml/g	1628-2	1628-2
Apparent bulk density	0.410	g/ml	60	60
Particle size distribution: sieve retention				
• retained on 0.063 mm screen	≤ 5	%	-	-
Volatile matter	≤ 0.3	%	1269	1269
Emulsifier content	low	-	-	-

*) 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 8058 produces plastisols exhibiting very low viscosity at low and high shear rates with slightly pseudoplastic flow properties. The usual plasticizer level is 40 - 60 phr.

®Vinnolit MP 8058 produces plastisols which are especially suitable for low plasticizer content, high solids content compact spreading and moulding applications, but is especially suitable for high clarity, matt surface finish top coat spread coatings where high mechanical properties are required e.g. for cushioned vinyl flooring.

It is also suitable for the production of mechanically frothed foams. Spreading plastisols can be applied by knife or reverse-roll coaters, but as this is an unmilled polymer it is not suitable for thin coatings nor in general coatings applied by rotary screen coaters.

Outstanding **properties** of ®Vinnolit MP 8058 are:

- Very low paste viscosity
- Good mechanical properties
- Matt surfaces
- High transparency

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.

Packaging, Delivery and Storage

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

®Vinnolit MP 8058 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 8058 GreenVin® is produced with 100% renewable electricity (GOs). Additionally, renewable Ethylene is used for Vinnolit MP 8058 GreenVin® bio-attributed. See GreenVin® info sheet.

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