

Product Information

Vinnolit

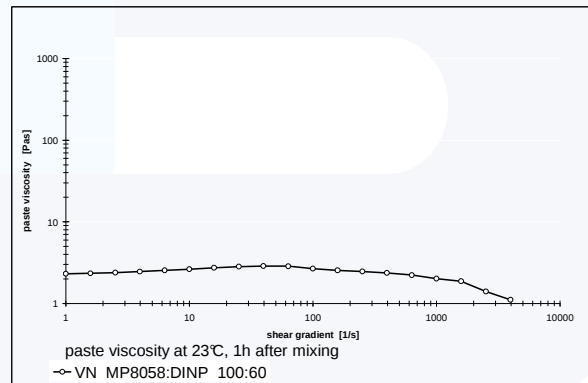
Leadership in PVC

®Vinnolit MP 8058

PVC for paste making

Brief Description

®Vinnolit MP 8058 is a high molecular weight PVC homopolymer with a low emulsifier content. It produces plastisols exhibiting very low viscosity at low and high shear rates with slightly pseudo-plastic flow properties with low plasticizer levels (40-60 phr). 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 organo-tin types. The use of high speed type mixers is recommended.



Raw material Properties	Typical Value*	Unit	Test method	
			DIN EN ISO	ISO
K-value	approx. 81	-	1628-2	1628-2
Reduced viscosity	approx. 174	ml/g	1628-2	1628-2
Apparent bulk density	approx. 0.41	g/ml	60	60
Particle size distribution: sieve retention retained on 0.063 mm screen	< 5	%	1624	1624
Volatile matter	< 0.3	%	-	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.

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

Product Information

Processing and Application

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

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 or our local representatives.

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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