

**Product Information**

# Vinnolit

**Leadership in PVC**

## ®Vinnolit C 65 V

Extender resin for paste making

**Brief Description**

®Vinnolit C 65 V is a suspension homopolymer whose small particle size and narrow particle-size distribution have been selected to suit the particular needs of paste making. Due to its extremely low plasticizer absorption at room temperature, Vinnolit C 65 V lowers the viscosity of plastisols and reduces dilatancy if present. It also increases the shelf life of the pastes. Vinnolit C 65 V is used as a blend component together with other emulsion or microsuspension paste grades.

| Raw material Properties                                                 | Typical Value* | Unit | Test method |        |
|-------------------------------------------------------------------------|----------------|------|-------------|--------|
|                                                                         |                |      | DIN EN ISO  | ISO    |
| K-value                                                                 | approx. 65     | -    | 1628-2      | 1628-2 |
| Reduced viscosity                                                       | approx. 105    | ml/g | 1628-2      | 1628-2 |
| Apparent bulk density                                                   | approx. 0.63   | g/ml | 60          | 60     |
| Particle size distribution: sieve retention retained on 0.100 mm screen | < 1            | %    | 1624        | 1624   |
| Volatile matter                                                         | < 0.3          | %    | -           | 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 specification or guarantee.

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

## Product Information

### Processing and Application

Vinnolit C 65 V is readily incorporated into PVC plastisols by means of a dissolver, without formation of agglomerates. Pastes containing extender resins should preferably not be triple-roll milled since the coarse particles may be retained in the nip. In this special case, we recommend that the pastes be prepared firstly without the extender resin. After milling, the extender resin Vinnolit C 65 V can be dispersed into the paste by means of a dissolver.

Vinnolit C 65 V is used primarily in pastes with a low or medium plasticizer content. In such plastisols, it lowers the viscosity, increases the shelf life and reduces dilatancy. Use of an extender allows a larger amount of filler to be added without impairment of the paste's rheological properties.

Vinnolit C 65 V is suitable for both compact coatings and mechanically frothed or chemically blown foam. When used in the usual concentrations, it will not adversely affect foam structure or surface texture.

### Packaging, Delivery and Storage

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

Vinnolit C 65 V 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.*

Ismaning, January 2010

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