

# Vinnolit® E 70 CQ

Polyvinyl Chloride Homopolymer

Vinnolit GmbH & Co. KG

## Message:

Vinnolit E 70 CQ is a fine-particle, paste-making emulsion homopolymer giving very high-viscosity plastisols with a good shelf life. The lower plasticizer limit for pastes made from Vinnolit E 70 CQ is approx. 80 parts DINP based on 100 parts PVC. All pastes above this limit show a highly pseudoplastic rheology.

Accordingly, Vinnolit E 70 CQ - apart from its main application of fabric base coating - is used as a blend component to raise the yield point or to reduce the dilatancy of pastes. This applies for instance when laminating fabrics directly into wet foam coats, in automotive underbody sealants or to prevent the formation of blobs during spread coating.

| General Information                     |                      |                   |             |
|---|----------------------|-------------------|-------------|
| Uses                                    | Blending             |                   |             |
|   | Fabric Coatings      |                   |             |
|   |                      |                   |             |
| Agency Ratings                          | EC 1907/2006 (REACH) |                   |             |
| Processing Method                       | Plastisol            |                   |             |
| Physical                                | Nominal Value        | Unit              | Test Method |
| Apparent Density                        | 0.42                 | g/cm <sup>3</sup> | ISO 60      |
| K-Value                                 | 70.0                 |                   | ISO 1628-2  |
| Viscosity Number (Reduced Viscosity)    | 124.0                | ml/g              | ISO 1628    |
| Emulsifier Content                      | Medium               |                   |             |
| Particle Size Distribution <sup>1</sup> | < 2.0                | %                 | ISO 4610    |
| Volatile Matter                         | < 0.50               | %                 | ISO 1269    |
| NOTE                                    |                      |                   |             |

1. retained on 0.063 mm screen

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