# EMULSION PASTE-FORMING POLYVINYL CHLORIDE SLOVINYL® EP – 702

This company standard is valid for the production, testing and delivery of Emulsion Paste-forming Polyvinyl Chloride type 702.

**CAS number:** 9002-86-2 **EINECS number: -**

## Appearance, properties and using

Emulsion paste-forming polyvinyl chloride non-alkaline pre-stabilization. White solid material, odorless. It is suitable for production of pastes of medium viscosity. Content of residual vinyl chloride is max. 1,0 ppm. It is used for coating and chemical foaming technology of processing in the production of foamed leather. It shows good thermal stability and provides products with a good surface appearance.

## Technical parameters

| Parameter | Unit | Limit | Test method |
|---|---|---|---|
| Viscosity number | $cm^3.g^{-1}$ | 118 - 130 | STN EN ISO 1628-2 (64 0325) |
| K-value | - | 70 ± 1,5 [1] | STN EN ISO 1628-2 (64 0325) |
| Apparent density, min. | $g.cm^{-3}$ | 0,400 ± 0,040 | STN EN ISO 60 (64 0804) |
| Sieve analysis:<br>residue on sieve 0,063 mm, min.<br>residue on sieve 0,250 mm, max. | % w/w | <br>3,0<br>0,1 | STN EN ISO 1624 (64 0219) |
| Volatile matter, max. | % w/w | 0,5 | STN EN ISO 1269 (64 0318) |
| Viscosity of the paste: [2]<br>after 30 min. ($D_r$= 9,0 $s^{-1}$), max.<br>($D_r$=48,6$s^{-1}$), max.<br>after 4 h. ($D_r$= 9,0 $s^{-1}$), max.<br>($D_r$=48,6$s^{-1}$), max. | Pa.s | <br>13<br>10<br>15<br>12 | STN EN ISO 2555 (64 0346) |

[1] Tolerance reflects viscosity number results.
[2] The PVC/DINP composition is in ratio 100/60.

## Packaging, transport, labelling and storage

Emulsion polyvinyl chloride is delivered in the road tanks or in the paper sacks with the weight of 25 kg and with the weight tolerance of ± 250 g. Sacks are placed on the pallet, which is packed into the foil because of better stabilization against the movement. The road-tank carrying suspension PVC must be provided with the air cooler, then the temperature of the air necessary to empty the tank at the customer did not exceed 45 °C.

Each pack unit must be labelled with the following information:

a) producer name b) product name c) labelling according CLP
d) batch number e) net weight f) number of standard PN 64 3201-702

Emulsion polyvinyl chloride is stored in dry, good ventilated storehouses, which must be protected against the direct sunlight, the moisture and the vapours of various chemicals. It is not allowed to store it together with the organic solvents of all types or with the chemicals against which is no guarantee of chemical resistance. The temperature of any medium with which it comes into contact with the emulsion PVC must not exceed 45 °C. Storage time under these conditions is mostly 1 year.

## Safety statement

Detailed data are mentioned in Safety Data Sheet.

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Supply: PN 64 3201-702 rev. 3 from 07.11.2017

| Approved: | Ing. Ľudmila Koreňová<br>REACH and IMS manager<br>Signature:<br>Date: 27/05/2019 | Ing. Andrej Nociar<br>Corporate technologist<br>Signature:<br>Date: 28/05/2019 |
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