®Vinnolit E 67 FF neo

PVC for paste making

Brief Description

Vinnolit E 67 FF neo is a fine-particle paste making emulsion homopolymer yielding low viscosity plastisols with good shelf lives at low-medium plastiziser contents. It shows a Newtonian rheology profile (see diagram). The product exhibits excellent foaming properties in chemically blown foams even at high filler loads. Foams made with Vinnolit E 67 FF neo are perfectly suitable for Bouclee and produce flat foams with highest whiteness. Vinnolit E 67 FF neo was specially developed for production of wall coverings (for sieve printing or hot embossing methods) and for other foam applications.

<table>
<thead>
<tr>
<th>Raw Material Properties</th>
<th>Typical Value*</th>
<th>Unit</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>DIN EN ISO</td>
<td>ISO</td>
<td></td>
</tr>
<tr>
<td>K-value</td>
<td>67</td>
<td>-</td>
<td>1628-2</td>
</tr>
<tr>
<td>Reduced viscosity</td>
<td>113</td>
<td>ml/g</td>
<td>1628-2</td>
</tr>
<tr>
<td>Apparent bulk density</td>
<td>0.380</td>
<td>g/ml</td>
<td>60</td>
</tr>
<tr>
<td>Particle size distribution: sieve retention retained on 0.063 mm screen</td>
<td>≤ 0.2</td>
<td>%</td>
<td>-</td>
</tr>
<tr>
<td>Volatile matter</td>
<td>≤ 0.35</td>
<td>%</td>
<td>1269</td>
</tr>
</tbody>
</table>

* 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.

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Processing and Application

Plastisols based on Vinnolit E 67 FF neo can be applied by all commonly used coating techniques.

Vinnolit E 67 FF neo is recommended for the production of foamed wallcoverings having smooth or structured surfaces.

The product has the following properties:

- outstanding foaming characteristics; low density foams with fine cell structure, even at very high filler content
- low viscosity over all shear rates and Newtonian profile
- fine particle size
- high filler tolerance of plastisol
- highest whiteness of foams
- good foam inhibition
- low gelling temperatures
- good deaeration properties
- good embossment properties
- the product is compatible within a wide range of processing variables, with no tendency to overfoaming

Packaging, Delivery and Storage

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

Vinnolit E 67 FF neo 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.