

Product Information

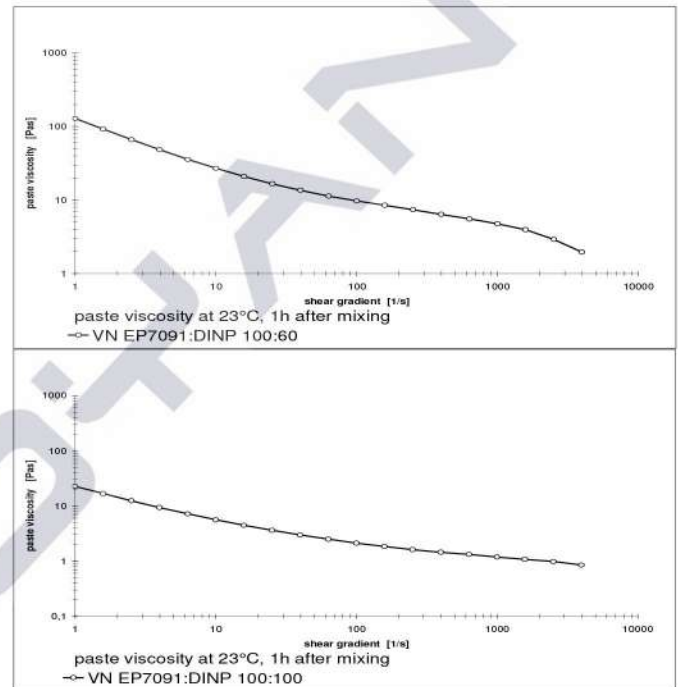
®Vinnolit EP 7091

PVC for paste application

Brief Description

®Vinnolit EP 7091 is a paste making emulsion homopolymer, giving high viscosity plastisols. Plastisols made with EP 7091 have a pseudo-plastic rheology (see diagrams).

This grade can be used for compact coatings as well as for chemically blown foams. Main applications are the production of artificial leather and the use in sprayable underbody coating mastics and sealants with very good mechanic properties of the coating and good adhesion to cathoretic paintings



Raw Material Properties	Typical Value*	Unit	Test Method	
			DIN EN ISO	ISO
K-value	70	-	1628-2	1628-2
Reduced viscosity	124	ml/g	1628-2	1628-2
Apparent bulk density	0.440	g/ml	60	60
Particle size distribution: sieve retention retained on 0.063 mm screen	≤ 2	%	-	-
Volatile matter	≤ 0.3	%	1269	1269
Emulsifier content	medium	-	-	-

* 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.

Product Information

Processing and Application

Plastisols based on Vinnolit EP 7091 can be applied by all commonly used coating techniques.

It is characterised by the following properties:

- high initial viscosity
- high pseudoplasticity
- very good foaming characteristics with good expansion ratio and uniform, closed cell structure
- very good whiteness
- very good mechanic properties in underbody coating mastics and sealants as well as good adhesion to cataphoretic paintings

Packaging, Delivery and Storage

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

Vinnolit EP 7091 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, July 2015

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