

Product Information**Vinnolit****Leadership in PVC****®Vinnolit S 4170**

Suspensions-PVC for thermoplastic processing

Brief Description

®Vinnolit S 4170 is a highly porous suspension polymer that is recommended for extrusion, calendering and injection moulding of flexible PVC.

Raw material Properties	Typical Value*	Unit	Test method	
			DIN EN ISO	ISO
K-value	approx. 70	-	1628-2	1628-2
Reduced viscosity	approx. 124	ml/g	1628-2	1628-2
Apparent bulk density	approx. 0,480	g/ml	60	60
Particle size distribution: sieve retention R retained on 0.063 mm screen retained on 0,250 mm screen	> 98 < 1	% %	4610	4610
Plasticizer absorption at room temperature	approx. 34	%	4608	4608
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 a specification or guarantee.

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

Product Information

Processing and Application

Vinnolit S 4170 is a highly porous, free flowing powder that is usually mixed with PVC-additives and plasticiser by standard mixing techniques.

Dry-blends based on Vinnolit S 4170 are used for all kinds of thermoplastic processing like extrusion, calendering and injection moulding.

Distinguishing features of Vinnolit S 4170 are the extremely low fish-eye count, the high transparency and the excellent initial colour of finished articles.

Packaging, Delivery and Storage

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

Vinnolit S 4170 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.

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Vinnolit GmbH & Co. KG
Carl-Zeiss-Ring 25
D-85737 Ismaning
Tel.: +49 89 9 61 03-0
Fax: +49 89 9 61 03-103
www.vinnolit.com