

# PRODUCT INFORMATION

®Vinnolit S 4170

Vinnolit S 4170 GreenVin®

Vinnolit S 4170 GreenVin® bio-attributed

Suspension PVC for thermoplastic processing

## Brief Description

®Vinnolit S 4170 is a suspension polymer with high porosity, optimized for thermoplastic PVC processing.

It is recommended for extrusion, calendering and injection molding of flexible PVC (PVC-P) applications.

RAW MATERIAL PROPERTIES	TYPICAL VALUE*	UNIT	TEST METHOD	
			DIN EN ISO	ISO
K-value	70	-	1628-2	1628-2
Apparent bulk density	0.500	g/ml	60	60
Particle size distribution: sieve retention				
• retained on 0.063 mm screen	≥ 97	%	-	-
• retained on 0.250 mm screen	≤ 1	%	-	-
Plasticizer absorption at room temperature	34	%	4608	4608
Volatile matter	≤ 0.3	%	-	-

\* 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.

## 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 for cables and flexible films.

Further application areas are hoses, flexible profiles and soft injection moulded parts.

Outstanding **properties** of ®Vinnolit S 4170 are:

- Excellent initial color
- Extremely low fish-eye count
- High transparency
- Very good plasticizer absorption

## 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.

Vinnolit S 4170 GreenVin® is produced with 100% renewable electricity (GOs). Additionally, renewable Ethylene is used for Vinnolit S 4170 GreenVin® bio-attributed. See GreenVin® info sheet.

*The information and specifications contained in this product information are, to the best of our knowledge, correct at the time of publication. They are intended solely to provide general information about our products and their possible applications and do not constitute an agreement on quality or a guarantee of specific properties or suitability for a particular purpose. Due to the numerous factors beyond our control relating to storage, processing, and combination with third-party raw materials, the customer is obliged to determine the suitability of the product for the intended use by conducting their own tests and trials. The customer is also obliged to check and observe any third-party industrial property rights before use. Our General Terms and Conditions of Sale apply in addition.*

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**Westlake Vinnolit GmbH & Co. KG**  
Carl-Zeiss-Ring 25  
85737 Ismaning  
Germany

Tel.: +49 (0)89 9 61 03-0  
Fax: +49 (0)89 9 61 03-103  
[www.westlakevinnolit.com](http://www.westlakevinnolit.com)