PRODUCT INFORMATION

®Vinnolit K 240

Vinnolit K 240 GreenVin®
Vinnolit K 240 GreenVin® bio-attributed

Additive for the thermoplastic processing

Brief Description

®Vinnolit K 240 is a high molecular weight free-flowing specialty product based on microsuspension PVC.

It is typically used as an anti-blocking agent, processing aid or matting agent for thermoplastic processing.

RAW MATERIAL PROPERTIES	TYPICAL VALUE*	UNIT	TEST METHOD	
			DIN EN ISO	ISO
K-value	**	-	1628-2	1628-2
Apparent bulk density	0.570	g/ml	60	60
Particle size distribution: sieve retention				
• retained on 0.063 mm screen	≥ 50	%	4610	4610
• retained on 0.250 mm screen	≤ 10	%	4610	4610
Volatile matter	≤ 0.3	%	1269	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.

** K-Value cannot be determined exactly.

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

Processing and Application

®Vinnolit K 240 is usually added to standard PVC formulations. The observed effects typically vary with the amount of ®Vinnolit K 240 used.

The benefits in rigid film applications are:

- < 1 phr: anti-blocking effect
- Dosages of 2 - 3 phr: increased melt pressure and, thus, less bubbles and flow lines
- Dosages of > 4 phr: matt surfaces

For extruded rigid and flexible articles with matt surface, approximately 10 phr of ®Vinnolit K 240 are recommended.

Outstanding **properties** of ®Vinnolit K 240 are:

- Anti-blocking effect (transparent)
- Processing aid for smooth running and increased pressure build-up
- Matting effect at high dosage

Packaging, Delivery and Storage

The product is supplied in 25 kg bags and Big Bags.

®Vinnolit K 240 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 K 240 GreenVin® is produced with 100% renewable electricity (GOs). Additionally, renewable Ethylene is used for Vinnolit K 240 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