

PRODUCT INFORMATION

®Vinnolit K 240 | Vinnolit K 240 GreenVin®

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
Reduced viscosity	**)	ml/g	1628-2	1628-2
Apparent bulk density	0.570	g/ml	60	60
Particle size distribution: Sieve retention R				
• 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 and reduced viscosity cannot be determined exactly.

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). See GreenVin® info sheet.

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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