

Product Information

Vinnolit

Leadership in PVC

® Vinnolit K 725 F

Graft copolymer based on polyvinylchloride (PVC) and polyacrylate (ACR) for thermoplastic processing, especially for impact modification of U-PVC-products

Brief Description

®Vinnolit K 725 F is a free-flowing powder produced by graft polymerization of vinyl chloride onto polyacrylate (ACR). The product contains roughly 50 % ACR. Vinnolit K 725 F is a modifying agent which increases the impact strength of PVC films, sheets and profiles. Articles manufactured with Vinnolit K 725 F show very low stress-whitening and are suitable for exterior applications.

Vinnolit K 725 F may be stored in silos.

Raw material Properties	Typical Value*	Unit	Test method	
			DIN EN ISO	ISO
K-value	**	-	1628-2	1628-2
ACR content	approx. 50	%	Vinnolit	
Apparent bulk density	approx. 0.50	g/ml	60	60
Particle size distribution: sieve retention retained on 0.063 mm screen retained on 1.000 mm screen	>70 < 1	% %	4610 4610	4610 4610
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.

**K-value cannot be determined exactly

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Product Information

Processing and Application

Vinnolit K 725 F is mainly used to enhance the impact strength of rigid films, sheets and profiles. By adding Vinnolit K 725 F to a PVC formulation, rigid articles with high impact strength, high surface quality and good weatherability can be manufactured.

The modification with Vinnolit K 725 F leads to products with very low stress whitening.

Vinnolit K 725 is also recommended to improve the impact strength of rigid injection moulded articles.

Packaging, Delivery and Storage

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

Vinnolit K 725 F 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