

PRODUCT INFORMATION

®Vinnolit E 2059 | Vinnolit E 2059 GreenVin®

Emulsion PVC for
thermoplastic processing

Brief Description

®Vinnolit E 2059 is a free-flowing emulsion polymer that primarily serves as a blend component for rigid film manufacturing.

RAW MATERIAL PROPERTIES	TYPICAL VALUE ^{*)}	UNIT	TEST METHOD	
			DIN EN ISO	ISO
K-value	59	-	1628-2	1628-2
Reduced viscosity	86	ml/g	1628-2	1628-2
Apparent bulk density	0.520	g/ml	60	60
Particle size distribution: Sieve retention R				
• retained on 0.063 mm screen	≤ 70	%	4610	4610
• retained on 0.250 mm screen	≤ 1	%	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.

Processing and Application

®Vinnolit E 2059 is usually applied as blend component together with common recipe components using known mixing methods to form ready-to-use molding compounds.

The mixtures are preferably calendered or extruded to high-quality rigid film. The addition of ®Vinnolit E 2059 accelerates fusion, improves melt homogeneity and facilitates the production of films with low fish-eye count and less flow lines.

Such films display reduced electrostatic charging capability due to the emulsifier content.

®Vinnolit E 2059 may also be used as a blend component for rigid profile extrusion. Such compounds are very easy to process into profiles with higher toughness, a high-quality surface and lower electrostatic charging capability.

®Vinnolit E 2059 is characterized by the following outstanding **properties**:

- Low fish-eye count
- Less flow lines
- Visually better surface
- Rapid fusion
- Lubricant effect
- Acting as a processing aid
- Antistatic effect

Packaging, Delivery and Storage

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

®Vinnolit E 2059 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 E 2059 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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