

PRODUCT INFORMATION

®Vinnolit S 3160

Vinnolit S 3160 GreenVin® | Vinnolit S 3160 GreenVin® bio-attributed

Suspension PVC for
thermoplastic processing

Brief Description

®Vinnolit S 3160 is a free-flowing suspension polymer with excellent fusion properties.

It is recommended for sheet, profile and film manufacturing. A distinguishing feature of ®Vinnolit S 3160 is its extremely low fish-eye count.

RAW MATERIAL PROPERTIES	TYPICAL VALUE*)	UNIT	TEST METHOD	
			DIN EN ISO	ISO
K-value	60	-	1628-2	1628-2
Reduced viscosity	89	ml/g	1628-2	1628-2
Apparent bulk density	0.560	g/ml	60	60
Particle size distribution: Sieve retention R				
• retained on 0.063 mm screen	≥ 97	%	-	-
• retained on 0.250 mm screen	≤ 1	%	-	-
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 3160 can be converted into free-flowing mixtures using common PVC stabilizer and lubricant blends.

In suitable formulations, finished parts made of ®Vinnolit S 3160 show the following **properties**:

- High transparency
- Low fish-eye count
- Very low VC monomer content
- Good release properties

®Vinnolit S 3160 is used in a variety of **applications and processes**:

- Oriented and unoriented rigid film produced on calenders and extruders
- Extruded and compression-moulded sheets
- Rigid profiles
- Sheets and profiles produced by Celuka or free-foaming processes

®Vinnolit S 3160 may also be converted into finished articles and blow mouldings on standard injection moulding equipment.

Packaging, Delivery and Storage

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

®Vinnolit S 3160 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 3160 GreenVin® is produced with 100% renewable electricity (GOs). Additionally, renewable Ethylene is used for Vinnolit S 3160 GreenVin® bio-attributed. 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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