

Product Information



Vinnolit S 3160

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	ca. 60	-	1628-2	1628-2
Reduced viscosity	ca. 89	ml/g	1628-2	1628-2
Apparent bulk density	ca. 0,560	g/ml	60	60
Particle size distribution: Sieve retention R retained on 0,063 mm screen retained on 0,250 mm screen	> 97 < 1	% %	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.

Processing and Applications

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
- Low water uptake

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.

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

Product Information

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 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 herein 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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