PRODUCT INFORMATION

®Vinnolit S 3457

Vinnolit S 3457 GreenVin®
Vinnolit S 3457 GreenVin® bio-attributed

Suspension PVC for
thermoplastic processing

Brief Description

®Vinnolit S 3457 is a free-flowing suspension polymer with excellent fusion properties.

It is recommended for sheet, profile, foam core pipes, pipe fittings and film manufacturing. A distinguishing feature of ®Vinnolit S 3457 is its high thermostability and its very low fish-eye count.

RAW MATERIAL PROPERTIES	TYPICAL VALUE*	UNIT	TEST METHOD	
			DIN EN ISO	ISO
K-value	57	-	1628-2	1628-2
Apparent bulk density	0.570	g/ml	60	60
Particle size distribution: sieve retention				
• retained on 0.063 mm screen	≥ 96	%	4610	4610
• retained on 0.250 mm screen	≤ 4	%	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.

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

Processing and Application

®Vinnolit S 3457 can be converted into free-flowing mixtures using common PVC stabilizer and lubricant blends.

In suitable formulations, finished parts made of ®Vinnolit S 3457 show the following **properties**:

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

®Vinnolit S 3457 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
- Foam core pipes
- Injection moulding fittings

®Vinnolit S 3457 may also be converted into other finished articles and blow moulding applications on standard injection moulding equipment.

Packaging, Delivery and Storage

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

®Vinnolit S 3457 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 3457 GreenVin® is produced with 100% renewable electricity (GOs). Additionally, renewable Ethylene is used for Vinnolit S 3457 GreenVin® bio-attributed. See GreenVin® info sheet.

The information and specifications contained in this product information are, to the best of our knowledge, correct at the time of publication. They are intended solely to provide general information about our products and their possible applications and do not constitute an agreement on quality or a guarantee of specific properties or suitability for a particular purpose. Due to the numerous factors beyond our control relating to storage, processing, and combination with third-party raw materials, the customer is obliged to determine the suitability of the product for the intended use by conducting their own tests and trials. The customer is also obliged to check and observe any third-party industrial property rights before use. Our General Terms and Conditions of Sale apply in addition.

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