

PRODUCT INFORMATION

®Vinnolit S 3157/11

Vinnolit S 3157/11 GreenVin®

Vinnolit S 3157/11 GreenVin® bio-attributed

Suspension copolymer of vinyl chloride and vinyl acetate for thermoplastic processing

Brief Description

®Vinnolit S 3157/11 is a free-flowing powder produced by suspension copolymerization of vinyl chloride and vinyl acetate.

The product contains about 11 percent vinyl acetate. It is a specialty resin for manufacturing of high-quality rigid films.

RAW MATERIAL PROPERTIES	TYPICAL VALUE*	UNIT	TEST METHOD	
			DIN EN ISO	ISO
K-value	57	-	1628-2	1628-2
Vinyl acetate content	11	%	-	-
Apparent bulk density	0.650	g/ml	60	60
Particle size distribution: sieve retention				
• retained on 0.063 mm screen	≥ 60	%	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 S 3157/11 is mainly used as blend component or main component in rigid PVC formulations.

Blends containing ®Vinnolit S 3157/11 are used to produce high quality extruded or calendared rigid film. Depending on the addition level, ®Vinnolit S 3157/11 improves the thermoforming properties as well as the printability and welding behaviour. The films are therefore easier to glue and laminate.

In other applications, such as flooring, the use of ®Vinnolit S 3157/11 can optimize and accelerate processing, therefore increase output and quality and increase filler acceptance.

Outstanding **properties** of ®Vinnolit S 3157/11 are:

- Fast fusion
- Low melt viscosity
- High melt elongation
- Good lamination properties
- Excellent printability
- High filler tolerance

Packaging, Delivery and Storage

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

®Vinnolit S 3157/11 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 3157/11 GreenVin® is produced with 100% renewable electricity (GOs). Additionally, renewable Ethylene is used for Vinnolit S 3157/11 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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