

R+D Vinapor[®] GYP 3711 ap

Foaming agent for gypsum wallboard production

Chemical nature Aqueous solution, based on anionic surfactants.

Properties

Physical form Liquid dispersion

Technical data
(no supply specification)

Appearance	Clear, yellowish to brownish	
Water content	60-64 %	
Active matter	35-37 %	
pH Value	20 °C	10.5-11. 4
Density	20 °C	1.05-1.15 g/cm³

Application

Application areas R+D Vinapor®GYP 3711 ap is typically used in gypsum wallboards.

R+D Vinapor®GYP 3711 ap is designed to generate mid-coarse bubble to achieve light weight gypsum wallboard, which bring customer the benefits such as: to reduce raw material cost, easy installation of gypsum wallboard, and low transportation cost so on.

The dosage of R+D Vinapor®GYP 3711 ap is mainly dependent on the gypsum quality and used additives and has to be evaluated in plant tests. In common, the recommended dosage is 0.02-0.10 % by weight of stucco based on BASF current experience.

Processing R+D Vinapor®GYP 3711 ap is in bulk 1050 kg original sealed container with 360 days shelf life and must be protected from frost and moisture. It is recommended to store the product at temperatures between 10 and 40°C.

If the products are exposed to temperatures below the freezing point, they may form gels or become crystalline. The products are not damaged by low temperatures, but they will become heterogeneous and exhibit separation. The homogeneous state is to be recovered by gentle heating and stirring. Temperatures above 40°C or below 5°C must be avoided.

Depending on temperature, the pH may fall during storage. Product quality is not impaired as long as the pH value remains above 4.0. Fully mix material before use.

Mixing of different foam concentrates may lead to irreversible changes of the product (gel forming, precipitations) which can lead to difficulties in storage tanks, tubes and foam generators. BASF does not accept liability in those cases. Not known as a dangerous good according to transport regulation

Safety

When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. They do not constitute the agreed contractual quality of the product and, in view of the many factors that may affect processing and application of our products, do not relieve processors from carrying out their own investigations and tests. The agreed contractual quality of the product at the time of transfer of risk is based solely on the data in the specification data sheet. Any descriptions, drawings, photographs, data, proportions, weights, etc. given in this publication may change without prior information. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

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This data sheet will be rendered invalid if it is superseded by a later version.

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