

RHEOBYK-L 100

Associative thickener (HEAT) for aqueous systems to generate a Newtonian flow behavior.

Product Data

Composition

Solution of an aminoplast polyethylene glycol

Typical Properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Active substance: 20 %
Density (20 °C): 1.04 g/ml
Solvents: Water
pH value: 8 ± 1

Food Contact Legal Status

For the current food contact legal status, please contact our product safety department or visit www.byk.com for further information.

Storage and Transportation

Mix well before use. Transport and store in a dry place, in an unopened original container, at temperatures between 5 °C and 35 °C.

Applications

Coatings Industry

Special Features and Benefits

As a result of the Newtonian flow behavior, RHEOBYK-L 100 has only a negligible impact on the low shear range and improves or increases the coating's brushability. It is color- and odorless. Using the additive reduces spattering during application and prevents or diminishes syneresis during storage. The additive is liquid and therefore easy to handle. It is not necessary to adjust the pH value or control the temperature during incorporation. When combined with rheology additives which are effective in the low shear range, such as the RHEOBYK-H series, it enables an optimum processability.

Recommended Use

RHEOBYK-L 100 is preferably used in emulsion paints and coatings that are based on acrylate, styrene acrylate and polyvinyl acetate resins, as well as in PU and alkyd emulsions and epoxy dispersions.

Architectural coatings	<input checked="" type="checkbox"/>
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especially recommended recommended

Recommended Levels

1.5-3.5 % additive (as supplied) based on the total formulation, depending on the properties of the formulation to be achieved.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Incorporation and Processing Instructions

Addition under stirring ensures optimum distribution and the best possible effectiveness and reproducibility in applications. RHEOBYK-L 100 is suitable for adding to the millbase, to the letdown product, or as a post-additive to retroactively adjust the rheological properties.



Additive Guide



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