

RHEOBYK-H 370

Associative thickener (HEAT) for aqueous systems to generate a slightly pseudoplastic 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.

Non-volatile matter (10 min., 150 °C): 20 %

Solvents: Water/Butyl diglycol, 84/16

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.

Special Note

For VOC-free applications we recommend RHEOBYK-H 370 VF.

Applications

Coatings Industry

Special Features and Benefits

RHEOBYK-H 370 increases the viscosity in the low to medium shear range with an extremely low impact in the high shear range. It optimizes the storage stability and provides an excellent balance between flow properties and the sagging tendency. The additive is liquid and therefore easy to handle. It is not necessary to specifically adjust the pH value or control the temperature during incorporation. When combined with rheology additives which are effective in the high shear range, such as the RHEOBYK-L/T series, it enables an optimum processability.

Recommended Levels

0.3-2 % 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-H 370 is suitable for adding to the millbase as well as to the letdown product, or as a post-additive to retroactively adjust the rheological properties.



Additive Guide



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