

AQUACER 1510

Polypropylene wax emulsion for aqueous glass fiber sizings to improve the mechanical properties in glass fiber- reinforced PP compounds.

Product Data

Composition

Non-ionic emulsion of a modified polypropylene wax

Typical Properties

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

Non-volatile matter (1 h, 125 °C): 40 %
Carrier: Water
Melting point (wax content): 160 °C
Viscosity (23 °C, D=800/s): ca. 40 mPa·s
pH value: 9

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

Temperature sensitive. To be stored and transported between 5 °C and 35 °C. Mix well before use.

Applications

Glass fiber sizings

Special Features and Benefits

AQUACER 1510 is recommended for use in aqueous glass fiber sizings to reinforce polypropylene thermoplastics. The additive improves the tensile strength and the modulus of elasticity.

Recommended Levels

10-50 % additive (as supplied) based on the total formulation.

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

Incorporation and Processing Instructions

The additive is preferably incorporated at a low shear rate. Mix well before use.

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Data Sheet
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Additive Guide



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