

ANTI-TERRA-210

Wetting and dispersing additive to prevent fumed silica settling in laminating resins based on unsaturated polyesters.

Product Data

Composition

Solution of copolymer with filler-affinic groups

Typical Properties

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

Density (20 °C): 1.10 g/ml

Flash point: >100 °C

Viscosity (20 °C): ca. 100 mPa·s

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

Separation or turbidity may occur at temperatures below 20 °C. Product efficiency is not influenced.

Applications

Ambient Curing Systems


Special Features and Benefits


ANTI-TERRA-210 prevents the sedimentation of hydrophilic fumed silica in unsaturated polyester and vinyl ester resins. The polymeric additive contains multiple active groups which attach to fumed silica particles and stabilize the existing network. This controlled flocculation effect prevents the fumed silica particles settling in the resin. The side effects are increased thixotropy and improved sag resistance. The typical "stir-before-use" procedure is no longer necessary. The additive guarantees safe handling and improved storage stability of the laminating resin. ANTI-TERRA 210 has no impact on curing properties.

Incorporation and Processing Instructions

We recommend adding ANTI-TERRA-210 to the resin before the fumed silica is incorporated.

Recommended Use

Laminating resin	
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 especially recommended

Recommended Levels

5-20 % additive (as supplied), based on the percentage of hydrophilic, pyrogenic fumed silica

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



Additive Guide



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This issue replaces all previous versions – Printed in Germany