

Acronal[®] 5036

Polymer Dispersions for Construction

Chemical nature Acronal[®] 5036 is an aqueous dispersion based on acrylic ester copolymer for the manufacture of building adhesives and sealants.

Properties

Physical form Liquid dispersion

Technical data
(no supply specification)

Solids content	Approx. 60 %
pH Value	Approx. 6.0 – 7.5
Viscosity	DIN EN ISO 3219 (23 °C, 250 1/s) 100 –600 mPa·s

Application

Application areas Acronal[®] 5036 is used as a binder for the manufacture of sealants and joint fillers. Sealants and joint fillers fabricated with Acronal[®] 5036 show good flexibility at low temperatures and good elasticity. In addition, these products show excellent adhesion on common construction materials including ceramic and glass.

Processing To ensure optimum filler compatibility, sodium hydroxide (10 % solution) should be added to adjust the pH of the dispersion to 8 and the dispersion should also be stabilized with pigment disperser (e. g. Dispex[®] AA 4135).

We recommend adding preservatives to adhesives and sealants that contain Acronal[®] 5036 to protect them from microbial attack. The suitability of such additives must be determined and monitored in tests.

Standard commercial defoamers (e. g. FoamStar[®] PB 2706) can be used to suppress foaming. In general, it is sufficient to add 0.05 – 0.5 % antifoam in relation to the mixture. The amount required must be determined in tests.

Technical Data Sheet

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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BASF East Asia Regional
Headquarters Ltd
Dispersions & Resins Asia Pacific
45th Floor, Jardine House
No.1 Connaught Place, Central
Hong Kong
Tel: + 85 2 2731 7071
Fax: + 85 2 2731 5670
www.dispersions.asiapacific.basf.com