

PEROXAN PB-PULVER 50 W

PACKAGING

25 kg Cardboard box

MAJOR DECOMPOSITION PRODUCTS

Carbon dioxide, benzene, benzoic acid, diphenyl, phenyl benzoate

* SADT = Self Accelerating Decomposition Temperature

APPLICATION

PEROXAN BP-Pulver 50 W is used for the curing of unsaturated polyester resins and acrylic resins at ambient and elevated temperatures. At temperatures up to 80 °C, **PEROXAN BP-Pulver 50 W** should be used in combination with a tertiary amine accelerator, above 80 °C the use of an accelerator is not required.

PEROXAN BP-Pulver 50 W is easy to handle, easy to disperse and dissolves quickly in unsaturated polyester resins and acrylic resins.

The curing system **PEROXAN BP-Pulver 50 W** in combination with an amine accelerator shows a very fast cure that is hardly influenced by humidity and fillers. Even at low temperatures a relatively good cure will be obtained. A disadvantage may be the yellow colour and poor light resistance of the molded product.

For ambient temperature curing the following amine accelerators are available to adjust the gel time and speed of cure of the cure system based on **PEROXAN BP-Pulver 50 W**:

PERGAQUICK A100 (N,N-Dimethyl-p-toluidine) for short gel times

PERGAQUICK A150 (N,N-Di-(2-hydroxy-ethyl)-p-toluidine) for short to medium gel times

PERGAQUICK A200 (N,N-Dimethylaniline) for medium gel times

PERGAQUICK A300 (N,N-Diethylaniline) for long gel times

Depending on working conditions the following peroxide and accelerator dosage levels are recommended:

PEROXAN BP-Pulver 50 W

2 to 5 phr

Amine accelerator

0,05 to 0,5 phr

SAFETY AND HANDLING

Please refer to the material safety data sheet (MSDS) for information concerning safe storage, use and handling of **PEROXAN BP-Pulver 50 W**. This information should be thoroughly reviewed prior to acceptance of this product.

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All information is given, based upon our best knowledge, but without liability to us. Data has been obtained by laboratory experiments made by our supplier. Since the condition under which the product is consumed is outside of our control, the product should be tested before us