MÜHLMEIER COMPOSITES

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Technical data sheet

HTPR 83 – DEAA accelerator

Description

Base:

Accelerator on base of diethyl-acetoacetamide.

Specifics:

Using **HTPR 83** the gel- and hardening time of the resin will be reduced. **HTPR 83** is also used when an increase of cobalt- and MEKP-portion didn't cause a shortening of gel time, or when at light laminates no reduction of the cobalt portion is necessary.

HTPR 83 can be used for the following resin systems.

- Ortho- and isophthalic acid based resins
- Bisphenol A fumarates resins
- vinylester resins

Application:

HTPR 83 is used for acceleration of the polymerization process at unsaturated polyester resins in connection with MEKP and cobalt.

Depending on the used resin and the working conditions a dosage between 0.1%-0.6% is recommended.

Packing unit:

on request

Storage recommendation:

The product must be stored dry in undamaged original packages, the room temperature should be between 5°C and 25°C. At correct storage a product stability of 6 months is guaranteed.

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Product information

Cobalt accelerator CO 1

General:

Mixture of Cobaltoctoat and plasticizer.
Cobalt accelerator CO 1 is used as accelerator for the hardening of unsaturated polyester resins at room temperature.
By fast decomposition of the peroxide the radical polymerisation is released.
The accelerator CO 1 is most suitable to achieve short station times at lamination, like e.g. hand lamination, cold pressing or injection.

Depending on the application field and the working conditions we recommend the following accelerator quantities:
Cobalt accelerator CO 1:0.25 to 1.0 weight-tsp relating to 100 weight-tsp resin.

Chemical and physical characteristics:

	Value	Unit
Appearance	dark liquid	
Potency	1	%
Density 20°C	0.87	g/cm³
Burning point	>21	°C

Packaging:

The product is delivered in packages with 25 kg each.

Storage and shelf life:

The product should be stored in original packages air and lightproof.
At such storage the shelf life of the cobalt accelerator is at least 6 months.

Safety:

The product is easily inflammable and harmful. Further information please take from the safety data sheet.

NEVER BRING ACCELERATORS IN DIRECT CONTACT WITH PEROXIDES! EXPLOSION DANGER!

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Product information

Cobalt accelerator CO 6

General:

Mixture of Cobaltoctoat and plasticizer.
Cobalt accelerator CO 6 is used as accelerator for the hardening of unsaturated polyester resins at room temperature.
By fast decomposition of the peroxide the radical polymerization is released.
The accelerator CO 6 is most suitable to achieve short station times at lamination, like e.g. hand lamination, cold pressing or injection.

Depending on the application field and the working conditions, we recommend the following accelerator quantities:
Cobalt accelerator CO 6:0.1 to 0.5 weight-tsp relating to 100 weight-tsp resin.
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Chemical and physical characteristics:

	Value	Unit
Appearance	dark liquid	
Potency	1	%
Density 20°C	0.89	g/cm³
Burning point	>21	°C

Packaging:

The product is delivered in packages with 25 kg each.

Storage and shelf life:

The product should be stored in original packages air and lightproof.
At such storage the shelf life of the cobalt accelerator is at least 6 months.

Safety:

The product is easily inflammable and harmful. Further information please take from the safety data sheet.

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