



Technical Data Sheet

Pentocure – ZDEC

Accelerators

Composition : Zinc diethyldithiocarbamate

Specification :

Color	: Off White to White
Appearance	: Powder
Melting Point	: 175 °C Min
Ash content	: 21 - 23 %
Heat Loss	: 0.5 % Max

Dosage :

- In NR latex : 1.0 to 1.5 phr.
- In NR and SBR : 0.1 to 0.5 phr.

Uses and Benefits :

- Pentocure – ZDEC is a very fast primary or secondary (ultra) accelerator for natural and synthetic rubber.
- Pentocure – ZDEC is a very rapid accelerator for NR and SBR lattices and also it is used as an antioxidant in adhesive systems.
- Pentocure – ZDEC is a secondary ultra accelerator for general purpose polymers (NR, SBR, IIR and EPDM).
- In EPDM rubber applications Pentocure – ZDEC is generally used in blends with other dithiocarbamates in order to minimize bloom; dosages are determined based on specific application.
- Pentocure – ZDEC can be used as primary accelerator in some continuous cure applications as well as in latex.
- It should be noted that in the application of Pentocure – ZDEC N-nitrosodiethylamine can be formed by the reaction of diethylamine, a decomposition product, with nitrosating agents (nitrogen oxides).

Packing : 25kg Polylinedpolywoven bag / Polylined paper bag.

Storage stability : Up to 1 Year in normal storage conditions.

Handling : Consult material safety data sheet (MSDS) for additional handling information for Pentocure – ZDEC.

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