

## **Ö PENTOCURE**®

**Technical Data Sheet** 

## **Pentocure – ZDEC**

## Accelerators

**Composition** : Zinc diethyldithiocarbamate

Specification	:	Color Appearance Melting Point Ash content Heat Loss		Off White to White Powder 175 °C Min 21 - 23 % 0.5 % Max
Dosage	:			
-	•	In NR latex : 1.0 to 1.5 phr.		
	•	In NR and SBR : 0.	1 to	o 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 Nnitrosodiethylamine 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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