



## Technical Data Sheet Accelerators

### Pentocure – ZDMC

**Composition** : Zinc dimethyldithiocarbamate

**Specification** :

Color	: Off White to White
Appearance	: Powder
Melting Point	: 245 – 250 °C
Ash content	: 25 – 28 %
Heat Loss	: 0.5 % Max

**Dosage** :

- In NR and SBR 0.1 to 0.4
- In NR latex 1.0

**Uses and Benefits** :

- Pentocure – ZDMC is a very active non-discoloring, non-staining accelerator for NR, IR, BR, SBR, IIR and EPDM rubbers, as well as NR latex.
- Pentocure – ZDMC is generally used as a secondary accelerator with the thiazoles.
- Pentocure – ZDMC is very effective in EPDM because of its activity and, it may cause blooming in EPDM compound when used above 0.8 phr.
- Compared to Pentocure – DPG or the thiurams, Pentocure – ZDMC gives faster cures, higher modulus and shorter scorch times.
- Pentocure – ZDMC is widely used in both natural and synthetic latices.

**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 – ZDMC.

### PUKHRAJ ADDITIVES LLP

*An ISO 9001:2008 Certified Company*

5B, 5<sup>th</sup> Floor, Diamond House, Plot No. 515, Behind National College,  
TPS III, 35<sup>th</sup> Road, Bandra (W), Mumbai, Maharashtra - 400 050 (INDIA).

Tel: +91-9833538089/+91-22-26494911/26494912/26494913

Email: [info@pukhrajzinculet.com](mailto:info@pukhrajzinculet.com) Visit us at: [www.pukhrajzinculet.com](http://www.pukhrajzinculet.com)