

**SIN RUBTECH® POLYMER BOUND
PREDISPERSED ZDMC – 80G****Product Description**

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| Composition: | A proprietary predispersed 80% Zinc dimethyldithiocarbamate in a 20% elastomeric (== / processing aids binder specially formulated for use in EPDM, NR, SBR, BR formulations |
| Appearance: | Whitish Granules. |
| Density: | Approx. 1.42 g/cm ³ . |
| ML 1+4 @ 50°C | < 70 |
| Moisture Content: | < 1.0 % |
| Melting Point: (of active ZDMC) | > 170 °C |
| Storage Stability: | At least 2 years under normal storage conditions. |
| Packing: | 18 kg nett in sealed PE bag in a carton box. |

Recommendations and Applications

Predispersed ZDMC-80G is recommended where a more eco-friendly material, higher productivity and better dispersion is required. This often translates to lower bottom-line costing.

The active ingredient ZDMC is an ultra fast scorchy accelerator and is seldom used as a primary accelerator in dry rubber compounding except in room or low temperature curing, adhesives and mastics formulations. ZDMC finds wide applications in latex compounding.

ZDMC has no odour, is not bitter and is non-discolouring and non-staining. ZDMC like the thiurams are very polar and tends to bloom in non-polar rubbers if dosage exceeds 0.20 PHR. However in polar rubber like NBR & NBR / PVC, ZDEC can be used even as a primary accelerator without bloom problems eg. in continuous closed cell elastomeric insulation tubes manufacture.

Use of ZDMC as a secondary accelerator not only gives fast cure cycles, but it can also tolerate lower curing temperature eg. 135°C to give brighter colours with energy savings.

When an even faster cure is required, the combination of ZDEC + ZDMC gives an unexpected synergistic effect.

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