

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

Composition:	A proprietary predispersed 80% Zinc diethyldithiocarbamate in a 20% elastomeric / processing aids binder specially formulated for use in EPDM, NR, SBR, BR formulations
Appearance:	Grey Yellowish Granules.
Density:	Approx. 1.22 g/cm <sup>3</sup> .
ML 1+4 @ 50°C	< 70
Moisture Content:	< 1.0 %
Melting Point: ( of active ZDEC )	> 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 ZDEC-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 ZDEC 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. ZDEC finds wide applications in latex compounding.

ZDEC has no odour, is not bitter and is non-discolouring and non-staining. ZDEC 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 e.g. in continuous closed cell elastomeric insulation tubes manufacture.

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

**SIN RUBTECH CONSULTANCY SDN BHD (Company No : 103451-P)**

Contact Address : 10-12, Jalan Industri Cherok To'Kun 2, Taman Industri Cherok To'Kun, 14000 Bukit Mertajam, Malaysia.

Telephone : (604) 5511804

Fax : (604) 5514804

E-Mail : [marketing@sinrubtech.com](mailto:marketing@sinrubtech.com)