

**SIN RUBTECH[®] POLYMER BOUND
PREDISPERSED ZBEC – 80G****Product Description**

Composition:	A proprietary predispersed 80% Zinc dibenylthiocarbamate in a 20% elastomeric / processing aids binder specially formulated for use in EPDM, NR, SBR, BR formulations
Appearance:	Beige
Density:	Approx. 1.22 g/cm ³ .
ML 1+4 @ 50°C	< 70
Moisture Content:	< 1.0 %
Melting Point:	> 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 ZBEC-80G is recommended where a more eco-friendly material, higher productivity and better dispersion is required. This often translates to lower bottom-line costing.

ZBEC is an ultra-accelerator, used either alone or as a secondary accelerator for the fast vulcanization of natural and synthetic latex and also solid rubber types such as NR, SBR, EPDM, IIR, IR ad NBR.

ZBEC is a safe dithiocarbamate. N-nitrosodibenzylamine is not cancerogenic according to the published literature.

ZBEC is also an activator for accelerators of Thiuram, Mercapto, and Sulphenamide classes. Basic accelerators however have an activating effect of ZBEC.

Dosage:

ZBEC molecular weight is high in comparison with ZDEC or ZDMC, hence the quantity must be approximately doubled. In principle, ZBEC can replace Thiurams.

Start with 1.25:1 with respect to powder weight in lab scale and work down to 1:1 in production scale.