

**SIN RUBTECH<sup>®</sup> POLYMER BOUND  
PREDISPERSED TMTM – 80G****Product Description**

Composition:	A proprietary predispersed 80% Tetramethylthiuram monosulphide in a 20% elastomeric / processing aids binder specially formulated for use in EPDM, NR, SBR, BR formulations
Appearance:	Yellow Granules.
Density:	Approx. 1.11 g/cm <sup>3</sup> .
ML 1+4 @ 50°C	< 70
Moisture Content:	< 1.0 %
Melting Point: ( of active TMTM )	> 105 °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 TMTM–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 TMTM is an ultra fast accelerator, slower than ZDEC, but faster than MBT. TMTM has a lower tendency to bloom in non-polar rubbers and it also forms less secondary amines during vulcanisation. Combination of TMTM with sulphenamides gives a good combination of surprisingly improved scorch safety, faster cure and higher crosslink density. For these reasons, TMTM finds popularity in retread compounds such as camel backs.

TMTM has no odour, no bitter taste, is non-discolouring and non-staining and are often used in coloured products as well.

Because of its higher price, TMTM is usually used only as secondary accelerator. Unlike TMTD and DPTT, TMTM is not a sulphur donor.

**Dosage**

Use at 0.15 to 0.4 PHR as a secondary accelerator.

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

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