

**Product description**

Composition	80% tetramethylthiuram mono-sulphide, 20% EPDM/EVA binder and dispersing agents		
Appearance	Light-yellow granules		
Density, 20 °C	Approx. ~ 1.24 g / cm <sup>3</sup> (20°C)		
Physiological properties : See safety data sheet (MSDS)			
Raw material characteristics of TMTM:			
Melting point	~ 100 °C	Evaporation loss	≤ 0.5%
TMTM content	≥ 98%	Sieve residue 63µm	≤ 0.5 %
Ash content	≤ 0.5 %		

**Use Characteristics** A super accelerator Konson® TMTM-80 causes very rapid and scorch-safe vulcanization of natural and synthetic rubbers. Konson® TMTM-80 receives additional activation from basis accelerators, e.g. aldehyde amine and guanidine. Together with sulphenamide and mercapto accelerators in which Konson® TMTM-80 is used as secondary accelerator are of great technical importance. Low sulphur vulcanization provides vulcanizates with good ageing resistance.

**Processing Advantages** The thermoplastic, excellent compatible EPDM/EVA binder which is combined with active dispersing promoters allows much more easily and quickly incorporation and excellent dispersion in the rubber mixing. In this way, optimal activity of the effective TMTM is assured.

**Dosage levels** NR: primary: 0.15 - 0.3 phr + 2 - 3 sulfur  
secondary: 0.1 - 2.5 phr + 2.5 phr sulfur and 1 phr mercapto accelerator;  
SBR: primary: 0.25 - 1.5 phr + 2 - 3.5 phr sulfur  
secondary: 0.1 - 0.75 phr + 2 - 3.5 phr sulfur and 2 phr mercapto accelerator;  
IIR: primary: 1 - 2 phr + 1 - 2 phr sulfur;  
NBR: 0.1 - 3 phr + 0.5 - 2 phr sulfur and 1 - 2 phr mercapto accelerator;  
CR: 0.5 - 1 phr + 0.5 - 1 phr sulphur and 1 - 3 phr guanidine accelerator.

**Applications** Cable insulations, light color and white vulcanizates, transparent pure rubber articles.

**Packaging** Net 25 kg cartons with plastic inner.

**Storage stability** In original closed containers under cool and dry conditions max. 2 years.

**Handling** Consult material safety data sheet (MSDS) for additional handling information.