

Product description

Composition	75% tetramethylthiuram disulphide, 25% EPDM/EVA binder and dispersing agents		
Appearance	White or light-yellow granules		
Density,20 °C	Approx. ~ 1.26 g / cm ³ (20°C)		
Physiological properties : See safety data sheet (MSDS)			
Raw material characteristics of TMTD:			
Melting point	~ 140 °C	Evaporation loss	≤ 0.3%
TMTD content	≥ 98%	Sieve residue 63µm	≤ 0.5 %
Ash content	≤ 0.3 %		

Use Characteristics A super accelerator Konson® TMTD-75 used as secondary accelerator for NR, SBR, NBR, IIR, BR, and CR. When used together with delayed action accelerators such as CBS and others, Konson® TMTD-75 acts as an activator. It is an activator for basic accelerator, e.g. aldehyde amine and guanidine, and suitable for low temperature curing products. As a sulfurless curing agent, It gives good heat resistance and aging resistance. If mercapto or sulphenamide accelerators are added, the vulcanization undergoes retardation. In such cases they have little effect on the degree of crosslinking; they mainly reduce the scorch rate and increase total curing time.

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 TMTD is assured.

Dosage levels primary: 0.1 - 1 phr + 3 - 1 phr sulfur;
secondary: 2.75 - 1.75 phr sulfur and 0.05 - 0.25 phr + 1 - 1.5 phr MBTS;
sulfurless (for heat resistant mixes): 2.5 - 4 phr + 0.5 phr mercaptobenzothiazole.

Applications Heat resistant mechanical articles, cable coverings and insulations.

Packing Net 25 kg cartons with plastic inner.

Storage stability In original closed containers under cool and dry conditions max. 1 years.

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