

Product description

Composition	70 % tetrabenzylthiuram disulphide, 30% EPDM/EVA binder and dispersing agents		
Appearance	beige granules		
Density, 20 °C	Approx. ~ 1.16 g / cm ³ (20°C)		
Physiological properties : See safety data sheet (MSDS)			
Raw material characteristics of TBzTD:			
Melting point	~ 130 °C	Evaporation loss	≤ 0.3 %
TBzTD content	≥ 96%	Sieve residue 63µm	≤ 0.3 %
Ash content	≤ 0.3 %		

Use Characteristics Konson®TBzTD-70 accelerates the vulcanization of natural and synthetic rubbers with a high level of processing safety. Konson®TBzTD-70 forms no carcinogenic nitrosamines within the definition of TRGS 552. The addition of mercapto or sulfenamide accelerators slows the vulcanization process. Scorch and vulcanization times are reduced. The degree of cross-linking is not greatly affected. Basic accelerators such as aldehyde-amine and guanidine have an additional activating effect. Konson®TBzTD-70 is used as a primary accelerator in the presence of sulfur, as a secondary accelerator with thiazoles and as a sulfur-free vulcanizing agent. Cross-linking without free sulfur or low-sulfur cross-linking produces extremely heat-resistant vulcanizates with good aging characteristics.

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 TBzTD is assured.

Dosage levels Primary(in technical rubber articles) : 0.2 - 2.0 phr Konson®TBzTD-70 and 0.9 - 2.8 phr Konson®S-80;Secondary: 0.2 - 0.5 phr Konson®TBzTD-70 and 1.1 - 1.6 phr MBTS-75;
Without free sulfur (for heat resistance compounds): 2.4 - 3.8 phr Konson®TBzTD-70 and 0.53 - 1.1 phr Konson®MBTS-75.

Applications Heat-resistant technical articles, cable sheathing and insulation, hard rubber, etc..

Packing 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.