

Product description

Composition	80% 2-mercapto-benzthiazol, 20% EPDM/EVA binder and dispersing agents		
Appearance	Yellowish granules		
Density,20 °C	Approx. ~ 1.33 g / cm ³ (20°C)		
Physiological properties : See safety data sheet (MSDS)			
Raw material characteristics of MBT:			
Melting point	~ 172 °C	Evaporation loss	≤ 0.5 %
MBT content	≥ 98%	Sieve residue 63µm	≤ 0.5 %
Ash content	≤ 0.5 %		

Use Characteristics An accelerator Konson® MBT-80 which is most frequently used for NR, SBR, IIR, and CR. It is used independently or together with basic accelerators. Konson® MBT-80 is a semi-ultra, multi-purpose accelerator with a long plateau effect. It provides vulcanizates with good physical properties. In sulfur-free compounds Konson® MBT-80 acts as an anti-scorch agent, in CR compounds as a retarder. Konson® MBT-80 is activated by basic accelerators as aldehyde amine and guanidine etc., and by thiurams and dithiocarbamates.

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 MBT is assured.

Dosage levels NR and SBR: primary: 1 - 2 phr with 2 – 3 phr Konson® S-80
Secondary: 0.5 – 1 phr with 0.2 - 0.3 phr Konson® TMTD-80 and 1.5 phr S
Sulfurless: 0.5 phr with 3 - 4 phr Konson®TMTD-80
IIR: 0.5 - 1 phr with 0.5 - 1.5 phr Konson® TMTD-80 and 1 - 2 phr sulfur.

Applications Mechanical articles of all kinds, e.g. treads, carcasses, air hoses, conveyor belts, driving belts, hoses, cable 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.