

Product description

Composition	80% dibenzothiazyl disulphide, 20% EPDM/EVA binder and dispersing agents		
Appearance	White or light-yellow granules		
Density, 20 °C	Approx. ~ 1.36 g / cm ³ (20°C)		
Physiological properties : See safety data sheet (MSDS)			
Raw material characteristics of MBTS:			
Melting point	~ 165 °C	Evaporation loss	≤ 0.5 %
MBTS content	≥ 98%	Sieve residue 63µm	≤ 0.5 %
Ash content	≤ 0.4 %	Free MBT	≤ 0.8 %

Use Characteristics Konson® MBTS-80 is very popular used for NR, SBR, NBR, CR, and BR, Although it is similar to MBT-80, tendency to cause scorch is weak, and the induction period for curing is longer. It can be used independently or together with basic accelerator in the same way as Konson® MBT-80. It can also be used together with Konson®TMTD-80. Konson® MBTS-80 is a versatile semi-super accelerator with good processing safety. In combination with activated dithiocarbamates, Konson® MBTS-80 prevents scorching. It is activated by thiurams, dithiocarbamates and aldehyde-amines. During the processing and vulcanization of CR compounds it has a retarding effect. When used with ultra-accelerators Konson® MBTS-80 improves the processing safety. Vulcanizates produced with Konson® MBTS-80 show good ageing properties.

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 MBTS is assured.

Dosage levels NR: primary: 1 - 2 phr with 2 - 3 phr sulfur
secondary: 0.5 - 1 phr with 1 - 2 phr sulfur and 0.2 - 0.5 phr dithiocarbamate accelerators;
SBR: primary: 1 - 3phr with 1 - 3 phr sulfur
secondary: 0.25 - 0.75 phr with 1 - 3phr sulfur and 0.3 - 0.6 phr sulphenamide accelerators;
NBR:primary: 1 - 2 phr with 0,2 - 2 phr sulfur
secondary: 0.75 phr with 0.2 - 2 phr sulfur and 0.3 phr sulphenamide;
IIR: 0.25 - 1 phr with 1 - 2 phr sulfur.

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