

Product description

Composition	80%2-mercaptobenzimidazole 20% EPDM/EVA binder and dispersing agents		
Appearance	White-grey granules		
Density,20 °C	Approx. ~ 1.27 g/cm ³ (20°C)		
Physiological properties : See safety data sheet (MSDS)			
Raw material characteristics of MB:			
Melting point	~ 290 °C	Evaporation loss	≤ 0.5 %
MB content	≥ 98%	Ash content	≤ 0.5 %

Use Characteristics Konson® MB-80 is a non-staining antioxidant for light-coloured and white rubber compounds. It is used as a synergist for other antioxidants. The effect of the combination of Konson® MB-80 with other antioxidants is greater than the sum of the effects of the individual components. The combination of Konson®MB-80 with antiozonant IPPD is suitable for extremely heat resistant vulcanizates. It also provides the vulcanizates with some protection against copper and manganese poisoning. The efficiency of Konson® MB-80, used on its own, depends to a large extent on the curing system. Konson® MB-80 gives better results in combination with dithiocarbamate and thiuram accelerators than in combination with other accelerators.

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 MB is assured.

Dosage levels As antioxidant: 0.6 - 1.5 phr
As antioxidant, specially for steam-resistant grades: 2.0 - 3.0 phr
for transparent grades: 0.4 phr.

Applications Rubber articles which must withstand oxygen, heat and steam; heat-resistant rubber articles which are produced by thiuram vulcanization; white, coloured and transparent articles of all kinds; fabric proofings.

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.