

Product description

Composition	80% N-cyclohexyl-2-benzothiazyl sulphenamide based on specification, 20% EPDM binder and dispersing agents		
Appearance	Grey-white or light-yellow granules		
Density,20 °C	Approx. ~ 1.19 g / cm ³ (20°C)		
Physiological properties : See safety data sheet (MSDS)			
Raw material characteristics of CBS:			
Melting point	~ 96 °C	Evaporation loss	≤ 0.5 %
CBS content	≥ 94 %	Insoluble in ethanol	≤ 0.4 %
Ash content	≤ 0.4 %	Sieve residue 63µm	≤ 0.1 %
Free amine	≤ 1.0 %		

Use Characteristics The curing accelerator Konson® CBS-80 provides a considerably long scorch time, great processing safety and a fast full cure. Konson® CBS-80 is used as a sole accelerator for the low sulphur vulcanization or in combination with dithiocarbamate or thiuram accelerators. The vulcanizates obtained have good ageing resistance and a good compression set. The scorch time of compounds containing Konson® CBS-80 in combination with thiurams and dithiocarbamates is noticeably reduced. Thiourea has a strong secondary acceleration effect on Konson®CBS-80, mainly in mixes containing little sulphur. In compounds which are accelerated with mercaptanes and thiurams, Konson® CBS-80 may delay scorch

Processing Advantages The thermoplastic, excellent compatible EPDM/EVA binder which is combined with active dispersing promoters allows much more easy quickly incorporation and excellent dispersion in the rubber mixing. In this way, optimal activity of the effective CBS is assured.

Dosage levels NR: primary: 0.5 – 1.0 phr with 2.5 – 3.5 phr sulphur
secondary: 0.5 phr with 1.5-3.0 phr sulphur and 0.3 phr mercapto or thiuram accelerators
SBR: 1.0 – 1.4 phr with 1.5 – 2.5 phr sulphur and 0 – 0.2 phr thiuram accelerator

Applications Automotive and construction profile, Tire treads, air hoses, conveyor belts, footwear and other technical articles.

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.