

Product description

Composition	70 % 2,4,6-trimercapto-s-triazine, 30% ECO rubber binder and dispersing agents		
Appearance	Yellow or light green granules		
Density, 20 °C	Approx. ~ 1.49 g / cm ³ (20°C)		
Physiological properties : See safety data sheet (MSDS)			
Raw material characteristics of TCY:			
Melting point	~ 300 °C	Evaporation loss	≤ 0.5%
TCY content	≥ 97%	Sieve residue 63µm	≤ 0.5 %
Ash content	≤ 0.3 %		

Use Characteristics Normally, Konson® TCY-70 is used as an effective curing agent for the vulcanization of halogen-containing rubbers such as ECO and CO rubber compounds, CIIR and BIIR compounds, and ACM rubber. But also used as co-crosslinking agent for the NBR/PVC blend. The compounds containing Konson® TCY-70 are scorch sensible but sustainable. Compounds therefore should be processed not long after mixing. Compounds have to be stored under cool conditions. Depending on the formulation, storage time should not exceed one week. To improve the storage stability it is recommended to combine TCY-70 with retarders, e.g. Konson® CTP-80. Konson® TCY-70 shows excellent bonding adhesive between metal and rubbers.

Dosage levels

	Konson®TCY-70	Konson®ZDBC-80	Konson®CTP-80	Konson®MgO-75
ACM	0.7~2.1	0.6~1.9	0~1.2	-
CO, ECO	0.7~1.4	-	0~1.2	4.0
CIIR, BIIR	1.4~2.9	-	-	0.4~0.7

Applications ECO, CO, ACM, CIIR, BIIR based industrial goods, NBR/PVC rubber articles.

Packing Net 20 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.