

Product description

Composition	80% N-(cyclohexylthio) phthalimide, 20% EPDM binder and dispersing agents		
Appearance	Beige granules		
Density, 20 °C	Approx. ~ 1.23 g / cm ³ (20°C)		
Physiological properties : See safety data sheet (MSDS)			
Raw material characteristics of CTP:			
Melting point	85 °C	Evaporation loss	≤ 0.5 %
CTP content	≥ 98%	Sieve residue 63µm	≤ 0.1 %
Ash content	≤ 0.4 %		

Use Characteristics Konson® CTP-80 retards the onset of cure in NR and diene synthetic rubber without considerably extending the total curing time. It is preferably used with sulphenamide or thiazole accelerators to improve processing safety, keeping the properties of the vulcanizate unchanged. Konson® CTP-80 significantly improves the storage stability of uncured diene rubber compounds. When Konson® CTP-80 is used in the compounds, it is possible to process the rubber compounds at higher temperatures, thereby ensuring full use of machine capacity. Contact staining does not occur. Konson® CTP-80 causes only very slight discolouration in bright or white articles.

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 CTP is assured.

Dosage levels Normally 0.2 - 2.0 phr

Applications Compounds based on synthetic diene rubber and natural rubber, which are mainly cured with thiazole and sulphenamide accelerators (e.g. in the production of tires, conveyor belts, soles, technical moulded and extruded articles.

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.