

Product description

Composition	80% N,N'-diethylthiourea, 20% EPDM binder and dispersing agents		
Appearance	White granules		
Density, 20 °C	Approx. ~ 1.10 g / cm ³ (20°C)		
Physiological properties : See safety data sheet (MSDS)			
Raw material characteristics of DETU:			
Melting point	~ 77 °C	Evaporation loss	≤ 0.2 %
CBS content	≥ 99%	Ash content	≤ 0.3 %

Use Characteristics The accelerator Konson® DETU-80 causes a very rapid vulcanization of chloroprene rubber, which is necessary of continuous vulcanization. An especially fast acceleration is obtained in the combinations consisting of Konson® DETU-80, MBTS-80 and DOTG-80. These, however, may increase the tendency of mixes to scorch. The ageing resistance and mechanical properties of vulcanizates accelerated by Konson® DETU-80 are good. Blooming does not occur. Since DETU is a raw material supplied as flakes crystallites may occur occasionally. Therefore, mixing temperature and time have to be adjusted accordingly

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 DETU is assured.

Dosage levels 0.1 - 2 phr, possibly in combination with 1 phr Konson® MBTS-80 and 1 phr Konson® DOTG-80

Applications Effective accelerator for technical articles of all kinds, based on CR rubber.

Packing Net 20kg 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.