

**Product description**

|   |   |                    |         |
|---|---|--------------------|---------|
| Composition   | 75 % tellurium diethyldithiocarbamate,<br>25% EPDM/EVA binder and dispersing agents |                    |         |
| Appearance  | White or light-yellow granules  |                    |         |
| Density,20 °C   | Approx. ~ 1.23 g / cm <sup>3</sup> (20°C)   |                    |         |
| Physiological properties : See safety data sheet (MSDS) |   |                    |         |
| Raw material characteristics of TDEC:                   |   |                    |         |
| Melting point   | ~ 108 °C  | Evaporation loss   | ≤ 0.5%  |
| TDEC content  | ≥ 98%   | Sieve residue 63µm | ≤ 0.5 % |
| Tellurium Content                                       | 16.5 - 19.0 %   | Ash content        | ≤ 0.3 % |

**Use Characteristics** Super accelerator Konson® TDEC-75 for NR and synthetic rubbers. It causes a high speed vulcanization of EPDM and IIR when used together with other accelerators of the thiazole, thiuram and dithiocarbamate class. Even used in small amounts of Konson® TDEC-70, it gives a shorter total curing time. The vulcanizates using Konson® TDEC-75 have high tensile strength, and good aging resistance. Additions of Konson® TDEC-75 are advantageous in soft compounds with a high oil content, since larger dosages of oil reduce the curing rate.

**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 TDEC is assured.

**Dosage levels** Konson® TDEC-75 is used as an additional accelerator together with thiazole, thiuram and dithiocarbamate accelerators. For preventing blooming the dosage should not exceed 0.5 phr.

**Applications** It is broadly used in industrial goods, wires and cables, air bags tubes and rubberized clothes; and also used in automobile hoses, steam and acid resistant hoses, profiles.

**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.