

**Product description**

Composition	70% N,N'-di-o-tolyl guanidine, 30% EPDM binder and dispersing agents		
Appearance	Dark grey granules		
Density, 20 °C	Approx. ~ 1.10 g / cm <sup>3</sup> (20°C)		
Physiological properties : See safety data sheet (MSDS)			
Raw material characteristics of DOTG:			
Melting point	~ 171 °C	Evaporation loss	≤ 0.5 %
DOTG content	≥ 96%	Sieve residue 63µm	≤ 0.5 %
Ash content	≤ 0.5%		

**Use Characteristics** The accelerator Konson® DOTG-70 causes very slow onset of cure and a relatively slow rate of cure. Konson® DOTG-70, used on its own, causes a strong reversion; therefore the use of effective antioxidants is recommended.

When Konson® DOTG-70 is used in combination with mercapto, sulphenamide, thiuram and dithiocarbamate accelerators, reciprocal activation and secondary acceleration can be achieved. The crosslinking density and rate of cure are increased. Good mechanical properties and good ageing resistance are obtained. Konson® DOTG-70 has no tendency to bloom in the vulcanizates.

**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 DOTG is assured.

**Dosage levels** In NR primary: 0.8 - 1.2 phr Konson®DOTG-70 with 2.5 - 4 phr S-80;  
secondary: 0.05-0.4 phr Konson®DOTG-70 with 1-1.5 phr Konson®MBTS-80 and 1.5-3 phr Konson®S-80;  
In SBR 0.1 - 0.4 phr Konson®DOTG-70 with 1 - 1.5 phr Konson®MBTS-80 and 1.5 - 2.5 phr Konson®S-80;  
In NBR 0.05 - 0.4 phr Konson®DOTG-70 with 1.5 - 2.4 phr Konson®S-80 and 0.8 - 1.5 phr Konson®CBS-80.

**Applications** Technical articles (especially thick-walled ones), band tires, roller coverings, cable compounds.

**Packing** Net 25kg 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.