

Product description

Composition	50% Zinc dialkyldithiophosphate 50% EPDM/EVA binder and dispersing agents
Appearance	Semi - transparent to white granules
Density, 20 °C	Approx. ~ 1.20 g/cm ³ (20°C)
Physiological properties :	See safety data sheet (MSDS)

Use Characteristics Konson® ZDTP-50 is used as a special accelerator for EPDM compounds containing accelerators of the thiazol and thiuram class as well as sulphur and zinc oxide. Konson® ZDTP-50 causes a high degree of cross-linking. Vulcanizates accelerated by Konson® ZDTP-50 show no signs of blooming when observing the recommendation for the maximum dosage. With the use of Konson® ZDTP-50 accelerator systems can be obtained that exhibit a very good processing safety and storage stability of the accelerated raw compounds. As an ingredient of EV systems Konson® ZDTP-50 can be used to accelerate the vulcanization of NR, IR, SBR, NBR, IIR etc. The vulcanizates are then characterized by exceptionally good resistance to heat. Konson® ZDTP-50 is used as a secondary accelerator in the sulphur vulcanization of EPDM and NR in combination with sulphen amides, thiazoles and thiurams. It does not build secondary amines during the vulcanization process which can form hazardous N-nitrosamines.

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 liquid ZDTP is assured.

Dosage levels NR: ZDTP-50:2.0-3.4 phr, TMTM-80:0.3-0.6 phr, MBTS-80:0.6-0.9 phr, S-80:0.3-0.6 phr
EPDM:ZDTP-50:2.0-3.4 phr, TMTD-80:0.3-1.0 phr, MBT-80:0.6-1.9 phr, S-80:1.2-3.2 phr
Nitrosamine free EPDM:ZDTP-50 :2.0-3.4 phr, TBzTD-80:0.3-1.0 phr, MBT-80加1.2-1.9 phr,
S-80:1.2-2.2 phr

Applications Technical moulded and extruded articles of all kinds, e.g. sheets, buffers, dock fenders, profiles

Packaging 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.