



**橡胶硫化促进剂
RUBBER ACCELERATOR**

WILLING DPTT (TRA)

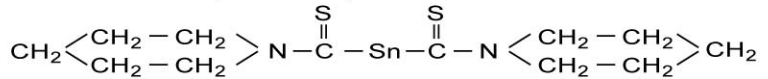
化学名称
Chemical Name

四硫化双五甲撑秋兰姆
Dipentamethylene Thiuramtetrasulfide

分子式/Molecular Formula

$C_{12}H_{20}N_2S_{n+2}$ (n=4 or 6)

结构式/Molecular Structure



分子量/Molecular Weight

384.66/448.77

CAS 编号/CAS NO.

120-54-7

技术指标 /Specifications

项目 / Item	粉料 / Powder	加油粉料 / Oiled Powder	颗粒 / Granule
外观(目测) / Appearance	淡黄色粉末(颗粒) / Light yellow powder(Granule)		
初熔点 / Initial Melting Point, °C ≥	108.0	108.0	108.0
加热减量 / Loss on Drying, %, ≤	0.30	0.40	0.30
灰分 / Ash, %, ≤	0.30	0.40	0.30
筛余物 / Residue on 150 μ m Sieve, %, ≤	0.10	0.10	\
筛余物 / Residue on 63 μ m Sieve, %, ≤	0.50	0.50	\
添加剂 / Additive, %	\	0.0-2.0	\
粒径 / Granule Diameter, mm	\	\	1.50

性状 淡黄色粉末(颗粒), 无味、无毒, 比重 1.5。溶于氯仿、苯、丙酮、二硫化碳, 微溶于汽油与四氯化碳, 不溶于水、稀碱。

Properties

Light yellow powder (granule). No taste, no poison. The density is 1.5. Soluble in chloroform, benzene, acetone, CS₂, partly soluble in gasoline and CCl₄, insoluble in water and alkali of lower concentration.

用途 本品用作天然橡胶、合成橡胶及胶乳的辅助促进剂。由于加热时能分解出游离硫, 故也可用作硫化剂, 有效含硫量为其质量的28%。用作硫化剂时, 在操作温度下比较安全, 硫化胶耐热、耐老化性能优良。本品在氯磺化聚乙烯橡胶、丁苯橡胶、丁基橡胶中可做主促进剂。当与噻唑类促进剂并用时特别适用于丁腈胶, 硫化胶压缩变形和耐热性能均优。制造胶乳海绵时宜与促进剂WILLING MZ并用。本品易分散于干橡胶中, 也易分散于水中。不污染。一般用于制造耐热制品, 电缆等。

Applications

Secondary accelerator for NR, SBR, EPDM, and NBR. For rich sulphur content of 28%, it could be used as cure agent. In the system of SBR and NBR, it could be used the primary cure agent. No poison and no pollution. Easily dispersed in rubber system.

包装 25kg塑编袋、纸塑复合袋、牛皮纸袋。

Package 25kg plastic woven bag, paper with plastic film bag, kraft paper bag.

贮存 应储存在阴凉干燥、通风良好的地方。包装好的产品应避免阳光直射, 有效期2年。

Storage The product should be stored in the dry and cooling place with good ventilation, avoiding exposure of the packaged product to direct sunlight. The validity is 2 years.

说明 本产品可以根据客户要求做超细粉末。

Notes The product could be ultrafine powder based on customer accurate requirement.