



**橡胶硫化促进剂
RUBBER ACCELERATOR**

WILLING ZBEC (ZBDC ZTC)

化学名称

二苄基二硫代氨基甲酸锌

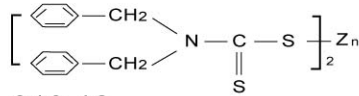
Chemical Name

Zinc dibenzyl dithiocarbamate

分子式/Molecular Formula

C₃₀H₂₈N₂S₄Zn

结构式/Molecular Structure



分子量/Molecular Weight

610.18

CAS 编号/CAS NO.

14726-36-4

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	白色粉末(颗粒) / White powder(Granule)		
初熔点 / Initial Melting Point, °C ≥	180.0	180.0	180.0
加热减量 / Loss on Drying, % ≤	0.30	0.40	0.30
锌含量 / Zinc Content, %	10.0-12.0	10.0-12.0	10.0-12.0
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 白色粉末(颗粒)。密度为1.42。

Properties White powder (granule). The density is 1.42.

用途 本品是一种速度非常快的主或助(超)促进剂, 适用于天然胶与合成胶, 在NR与SBR乳胶中本品也是一种非常快速的促进剂, 本品是一种安全的仲胺基二硫代氨基甲酸盐类促进剂, 本品为不致癌物, 在所有二硫代氨基甲酸锌盐类促进剂中, WILLING ZBDC具有最长的抗焦烧性能, 在乳胶中具有极好的抗早期硫代作用。

Applications

Safe-processing secondary accelerator. Can be used as primary in latex. High resistance to hydrolysis, low solubility in rubbers. Fast at higher vulcanisation temperatures. It has longest anti-scorching capability in the dithiocarbamates. Recognised to have low nitrosamine potential. Used in sheeting, extrusions and latex. Used in NR, IIR, SBR, and EPDM.

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.