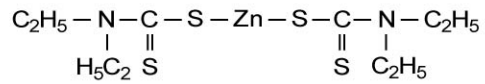
橡胶硫化促进剂 RUBBER ACCELERATOR

WILLING ZDEC (ZDCEZ)

化学名称	二乙基二硫代氨基甲酸锌
Chemical Name	Zinc diethyl dithiocarbamate
分子式/Molecular Formula	$C_{10}H_{20}N_2S_4Zn$
结构式/Molecular Structure	
分子量/Molecular Weight	361.9
CAS 编号/CAS NO.	14324-55-1

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,℃ ≥	174.0	174.0	174.0
加热减量 / Loss on Drying,%, ≤	0.30	0.40	0.30
锌含量 / Zinc Content,%,	17.0-19.0	17.0-19.0	17.0-19.0
筛余物 / Residue on 150μm Sieve,%≤	0.10	0.10	\
筛余物 / Residue on 63μm Sieve,%≤	0.50	0.50	\
水溶性锌盐/Soluble Zinc Content,%, ≤	0.01	0.01	0.01
添加剂 / Additive,%	\	0.0-2.0	\
粒径 / Granule Diameter,mm	\	\	1.0-3.0

性状 Properties

白色粉末（颗粒）。密度1.41。溶于1%氢氧化钠、二硫化碳、苯、氯仿，微溶于醇，不溶于汽油。

White powder (granule). Density is 1.41. Soluble in 1% NaOH solution, CS_2, benzene, chloroform, slightly soluble in alcohol, insoluble in gasoline.

用途 Applications

本品用作天然橡胶和各种合成橡胶的超促进剂，是二硫代氨基甲酸锌盐促进剂的代表品种，亦为胶乳通用促进剂。本品是噻唑类和次磺酰胺类促进剂的良好活性剂。也用作胶乳的非水溶性促进剂，对胶乳的稳定性影响很小。本品不污染，不变色、无嗅、无味、无毒，适用于白色和艳色制品、透明制品。主要用于制造医疗制品、胶布和自硫化制品等。在干胶乳料中为0.5-1份。

Used for NR, IR, BR, SBR, NBR, EPDM and their latexes. A fast curing primary or secondary effective ultra-accelerator for natural and synthetic latex form compounds. Can be used advantageously for dipped, spread, and cast goods. Similar in property that of WILLING PZ. Less resistance to scorching than WILLING PZ and shows a slight tendency to premature vulcanization. An antioxidant in adhesive systems.

包装 Package

25kg塑编袋、纸塑复合袋、牛皮纸袋。

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

贮存 Storage

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。

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 Notes

本产品可以根据客户要求做超细粉末。

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