



河南睿特兹贸易有限公司

HENAN RTENZA TRADING CO.,LTD

橡胶硫化促进剂 RUBBER ACCELERATOR

RTENZA ZDMC (PZ)

化学名称

二甲基二硫代氨基甲酸锌

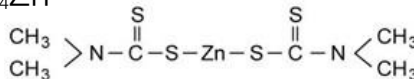
Chemical Name

Zinc dimethyl dithiocarbamate

分子式/Molecular Formula

$C_6H_{12}N_2S_4Zn$

结构式/Molecular Structure



分子量/Molecular Weight

305.4

CAS 编号/ CAS No.

137-30-4

技术指标/Specification

项目/Item	粉料/Powder	加油粉料/Oiled Powder
外观(目测)/Appearance	白色粉末/White powder	
初熔点/Initial Melting Point, °C ≥	240.0	240.0
加热减量/Loss on Drying, % ≤	0.30	0.50
锌含量/Zinc Content, %	20.0-23.0	20.0-23.0
筛余物/Residue on 150μm Sieve, % ≤	0.10	0.10
水溶性锌盐/Soluble Zinc Content, % ≤	0.10	0.10
添加剂/Additive, %	\	0.1-2.0

性状 白色粉末。无味，无毒。密度为 1.66。溶于稀碱/二硫化碳/苯丙酮和二氯甲烷，微溶于氯仿，难溶于乙醇/四氯化碳/醋酸乙酯。

Properties White powder. No taste, no poison. Density is 1.66. Soluble in lower concentration alkali, CS₂, benzene, acetone and CH₂Cl₂, partly soluble in chloroform, insoluble in alcohol, CCl₄ and ethyl acetate.

用途 天然胶与合成胶用超促进剂以及乳胶用一般促进剂。特别适用于对压缩变形有要求的丁基胶和耐老化性能优良的丁腈胶，也适用于三元乙丙胶。硫化温度 100°C，活性比 RTENZA TMTD 强一些，但低温时活性较强，焦烧倾向大，混炼时易引起早期硫化。本品对噻唑类次磺酰胺类促进剂有活化作用，可作为第二促进剂。与 RTENZA DM 并用时，随 DM 用量增加，抗焦烧性能也增加。由于无味无毒不污染，不变色，因此适用于胶布，食品及医药用橡胶制品。在美国，ZDMC 已得到 FDA 的批准。在三元乙丙胶/丁基胶等制品中效果显著。

Application Used for NR, IR, BR, SBR, NBR, HR, EPDM and natural & synthetic latexes. Stronger accelerating power than RTENZA TMTD. Strong resistance to scorching. In its handling, care should be operated, because of its increase activation and strong tendency to scorch at low temperatures (100°C). Often used as a secondary accelerator. In latex, better results are obtained when used in combination with other types such as thiazole accelerators. Used for rubber coated fabrics, latex products and rubber cement, etc. FDA approved in USA.

包装 25kg 牛皮纸袋。

Package 25kg 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.