

Technical Data Sheet

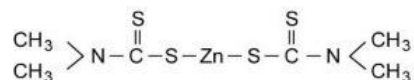


荣欣鑫橡胶助剂

RONGXIN XIN RUBBER ADDITIVES

Rubber Accelerator ZDMC (PZ)

Chemical Name: Zinc dimethyl dithiocarbamate
structure:



Molecular Formula: C₆H₁₂N₂S₄Zn

Molecular Weight: 305.4

CAS NO.: 137-30-4

Specification:

Item	Powder	Oiled powder	Granule
Appearance	White powder(granule)		
Initial M.P. °C ≥	240.0	240.0	240.0
Loss on drying % ≤	0.50	0.50	0.50
Zinc content %	20.0-23.0	20.0-23.0	20.0-23.0
Residues on 150µm sieve % ≤	0.10	0.10	
Additive %		0.1-2.0	
Granule Diameter mm			2.50

Properties: White powder (granule). 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.

Application: Used for NR, IR, BR, SBR, NBR, HR, EPDM and natural & synthetic latex. Stronger accelerating power than 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.

Packaging: 25kg plastic woven bag, paper with plastic film bag, Kraft paper bag.

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.

Technical Data Sheet (TDS) Version 2.0

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