

Chemical Name: Zinc dibutyl dithiocarbamate

Molecular Formula: C₁₈H₃₆N₂S₄Zn

Molecular Structure:



Molecular Weight: 474.12

CAS NO.: 136-23-2

Specifications:

Item	Powder	Oiled Powder
Appearance	White powder	
Assay,%≥	97.0	96.0
Initial Melting Point,°C≥	104.0	102.0
Final Melting Point,°C	112.0	112.0
Loss on Drying,%≤	0.40	0.40
Zinc content,%	13.0~15.0	13.0~15.0
Residue on 63μm Sieve,%≤	0.50	0.50
Residue on 150μm Sieve,%≤	0.10	0.10
Oil content,%	----	1.0~2.0
Physical property		
Density at 20°C(kg/m ³)	1210	1210
Bulk density(kg/m ³)	380-420	380-420

Properties: White powder. Soluble in CS₂, benzene, chloroform, alcohol, diethyl ether, insoluble in water and low concentration alkali. Good storage stability.

Applications: Used for primary or secondary ultra-accelerator in NR, IR, BR, SBR, NBR, HR, EPDM, and the latex. Similar in property to PZ and EZ, less accelerating effects than PZ and EZ to dry rubber. Effectively used in both natural and synthetic latexes for faster curing at normal (low) temperature than with PZ and EZ, and less scorching and blooming.

Package: 20 or 25kg plastic woven bag, paper with plastic film bag, kraft paper bag, or jumbo 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. Since the date of production, the storage period is 24 months.

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