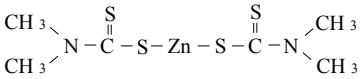
Rubber Accelerator ZDMC(PZ)

Chemical Name Zinc Dimethyl Dithiocarbamate

Molecular Structure



Molecular Formula $C_6H_{12}N_2S_4Zn$

Molecular Weight 305.4

CAS No 137-30-4

Specifications Q/LS004-2007

Item		Specifications
		1st grade
Appearance		White powder
Initial Melting Point	(℃)Min.	244.0
Heat Loss	(%)Max.	0.50
Zinc Content	(%)	20.0～24.5
Residue on 150 μm Sieve	(%)Max.	0.10
Residue on 63 μm Sieve	(%)Max.	0.50

Properties inodorous, non-toxic, soluble in dilute alkali solution, carbon disulfide, benzene, acetone, dichloromethane and slightly soluble in chloroform, insoluble in alcohol, carbon tetrachloride and ethyl acetate.

Applications A fast curing accelerator for natural, synthetic rubber and latex, it can be used as accelerators of butyl rubber, acrylonitrile-butadiene rubber and EPDM rubber, non-toxic, inodorous, stainless and changeless in colors on products, suitable for coated fabric,. It had wonderful effect in the products of EPDM rubber and butyl rubber. ZDMC is regulated for use in articles in contact with food as specified under FDA 21 CFR177.2600, 178.3120 and under BgVV XXI, Categories 1-4 and "Sonderkategorie".

Storage Store closed containers in a cool, dry, well-ventilated area. Avoid exposure to direct sunlight.

Packing 25kg net paper bags lined with polyethylene film bags.

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