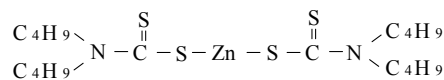


Rubber Accelerator ZDBC(BZ)

Chemical Name Zinc Dibutyl Dithiocarbamate

Molecular Structure



Molecular Formula C₁₈H₃₆N₂S₄Zn

Molecular Weight 474.1

CAS# 136-23-2

Specifications Q/KS062-2007

Items	Specifications
Appearance	White powder
Initial Melting Point (°C)Min.	104.0
Heat Loss (%)Max.	0.50
Zinc Content (%)	13.0~15.0
Residue on 150 μm Sieve (%)Max.	0.10
Residue on 63 μm Sieve (%)Max.	0.50
Zinc Salt Soluble in Water (%)Max.	0.01

Properties Relative density is 1.24g/cm³. Soluble in carbon disulfide, benzene, chloroform, insoluble in water. Storage is stable.

Applications A fast curing accelerator for natural and synthetic rubber and latex. It is more active than rubber accelerator ZDC in dry rubber. The latex contained accelerator ZDBC can't be prevulcanized in a week. It is an excellent activator of thiazole kinds accelerator. It can be used as antioxidant in the mixing rubber and can improve the anti-aging properties. Non color degradation, non-staining and easy dispersion in rubber process. ZDBC is regulated for use in articles in contact with food as specified under FDA 21 CFR175.105, 178.2010, 175.300, 177.1210, 177.2600 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.