

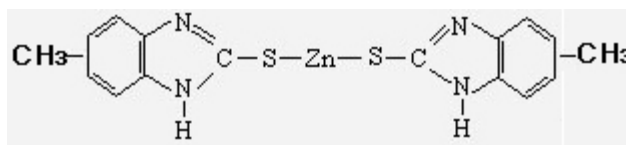
PRODUCT DATA SHEET

Chemical name ZMTI; zinc 2-Mercaptomethylbenzimidazole

Molecular Formula C₁₆H₁₆N₄S₂Zn

CAS NO. 61617-00-3

Structural Formula



Technical Index

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Appearance	white powder
Melting point °C ≥	300
Heating loss % ≤	1.25
Zn %	18-20
Residue on 150 mesh Sieve(100um) % ≤	0.10

Properties white powder. No smell but taste bitter. The density is 1.33. Soluble in alcohol, acetone, ethyl acetate, slightly soluble in petroleum ether, CH₂Cl₂, insoluble in CCl₄, benzene and water. Good stabilization storage ability. As second anti-degradant without poison

Application This product is fast to light, usually applied in the electrical wire, cable, transparent light color or bright color products, also can be used as the heat stabilizer for polyethylene and polypropylene. However, It is not suitable used in latex industrial.

Usage : This is easy to disperse in rubber material, but the solubility is not big, when the amount use surpasses 2 can occur spurts frost phenomenon. Generally use with other antioxidants like DNP、AP、4010NA、D、RD、WA and so on. The recommend amount use is 1—1.5, maximum is 3.

Package 25kg N.W./bag, in plastic fabric laminated kraft bags lined with plastic bag.

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