



**DATA-SHEET**

SPECIFICATION & DATA SHEET		Chemical Analysis:	
Product Code:	MSHQD-AC017-00 GT	Chemical Name:	Zinc Dibutyl Dithiocarbamae
Trade Name:	Rubber Accelerator ZDBC (BZ)	CAS No.:	136-23-2
Molecular Formula	C <sub>18</sub> H <sub>36</sub> N <sub>2</sub> S <sub>4</sub> Zn	Molecular Weight:	474.1
Revision numbet	02	Date	01/12/2009

Product Information:

**\*\*\*Specification**

Appearance (visual inspection):	White granule	Initial M.P. Min:	100
Zinc content %	13.0-15.0	Loss on drying % :	0.50
Strength of grain(N)	0.8-2.5	Compacted bulk density (kg/m <sup>3</sup> ):	400-440
Moisture content% :	0.50	Soluble Zinc content%	0.01
Density at 20 (g/cm <sup>3</sup> )	1.270		

**\*\*\*Typical Properties**

White granule. The specific density is 1.24. Soluble in CS<sub>2</sub>, benzene, chloroform, alcohol, diethyl ether, insoluble in water and lower concentration alkali.

**\*\*\*Recommended Applications**

ZDBC is used as secondary ultra accelerator for thiazole and sulfenamide cure systems in general purpose polymers (NR, SBR, IIR, EPDM). It can be used as a primary accelerator in specialty applications as well as in latex.  
In latex applications ZDBC is mainly used in transparent goods and in prevulcanized latex. An additional application is as an antioxidant in adhesive systems. ZDBC gives faster cures than ZDEC or ZDMC.

**\*\*\*Handling and Storage recommendations**

The product should be stored in the dry and cooling place with good ventilation and should be avoiding hot and sunshine.  
Usually the shelf time is 12 months while the recommend use of date is 6 months.

**\*\*\*Package 包装**

Bag: 25kg/bag	Pallet(1.1*1.1) : 500kg/P
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