



DATA-SHEET

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

Product Information:

****Specification*

Appearance (visual inspection):	white powder	Initial M.P. Min:	100
Zinc content %	13.0-15.0	Loss on drying %	0.50
Residues (150µm) % :	0.10	Compacted bulk density (kg/m ³):	400-440
Soluble Zinc content%	0.10	Density at 20 (g/cm ³)	1.270
Moisture content%	0.50		

****Typical Properties*

White powder. The specific density is 1.24. Soluble in CS₂, 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 pre-vulcanized 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 avoid hot and sunshine.

Usually the shelf time is 12 months while the recommend use of date is 6 months.

****Package*

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