



### DATA-SHEET

SPECIFICATION & DATA SHEET 物质规格数据表		Chemical Analysis: 化学分析	
Product Code: 产品编码	MSHQD-AC017-00 GT	Chemical Name: 化学名称	Zinc Dibutyl Dithiocarbamae 二丁基二硫代氨基甲酸锌
Trade Name: 商品名称	Rubber Accelerator ZDBC (BZ) 硫化促进剂 ZDBC(BZ)	CAS No.: CAS 编号:	136-23-2
Molecular Formula 分子式	C <sub>18</sub> H <sub>36</sub> N <sub>2</sub> S <sub>4</sub> Zn	Molecular Weight: 分子量	474.1

Product Information: 产品资料

#### \*\*\*Specification 规格

Appearance (visual inspection): 外观(目测)	White granule 白色颗粒	Initial M.P. °C Min: 初熔点 °C 最小值	100
Zinc content % 锌含量%	13.0-15.0	Loss on drying % ≤: 加热减量% ≤:	0.50
Strength of grain(N) 颗粒强度(N)	0.8-2.5	Compacted bulk density (kg/m <sup>3</sup> ): 压缩堆积密度(kg/m <sup>3</sup> ):	400-440
Moisture content% ≤: 水溶物% ≤:	0.50	Soluble Zinc content% 水溶性锌盐%	0.01
Density at 20 °C (g/cm <sup>3</sup> ) 20 °C 下的密度(g/cm <sup>3</sup> )	1.270		

#### \*\*\*Typical Properties 主要特性

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.	白色颗粒。相对密度为 1.24。溶于二硫化碳、苯、氯仿、乙醇、乙醚，不溶水和稀碱。
---	---

#### \*\*\*Recommended Applications 应用推荐

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.	在通用聚合物(NR, SBR, IIR, EPDM)中, ZDBC 用作噻唑与次磺酰胺硫化系统的助, 超促进剂。它在特殊应用及乳胶中也可用作主促进剂。 在乳胶应用中, ZDBC 主要用于透明制品以及预硫化乳胶, 在粘合系统中, 它也可用作抗氧剂。和 ZDEC 和 ZDMC 相比, ZDBC 的硫化速度较快。
--	---

#### \*\*\*Handling and Storage recommendations 推荐操作存储条件

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.	应储存在阴凉、干燥、通风良好的地方。包装好的产品应避免阳光直射。 通常情况下保质期为 12 个月, 建议使用 6 个月内。
--	--

#### \*\*\*Package 包装

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