



### DATA-SHEET

| SPECIFICATION & DATA SHEET<br>物质规格数据表 |  | Chemical Analysis:<br>化学分析 |   |
|---------------------------------------|--|----------------------------|---|
| Product Code:<br>产品编码                 | AC0016 2 000 42  | Chemical Name:<br>化学名称     | Zinc diethyl dithiocarbamate<br>二乙基二硫代氨基甲酸锌 |
| Trade Name:<br>商品名称                   | AcceleratorZDEC (EZ)<br>促进剂 ZDEC(EZ)                             | CAS No.:<br>CAS 编号:        | 14324-55-1                                  |
| Molecular Formula<br>分子式              | C <sub>10</sub> H <sub>20</sub> N <sub>2</sub> S <sub>4</sub> Zn | Molecular Weight:<br>分子量   | 361.9                                       |
| Synonym<br>同类名称                       | EZ,ZDC; Vulkacit LDA   |                            |   |

#### Product Information: 产品资料

#### \*\*\*Specification 规格

|   |                      |                                    |         |
|---|----------------------|------------------------------------|---------|
| Appearance (visual inspection):<br>外观(目测)                             | white powder<br>白色粉末 | Initial M.P. °C Min:<br>初熔点 °C 最小值 | 172     |
| Zinc content %<br>锌含量 %   | 17-19                | Loss on drying % ≤:<br>加热减量% ≤:    | 0.50    |
| Residues(150µm)% ≤:<br>筛余物 (150µm) % ≤:                               | 0.10                 | Final M.P. °C<br>终熔点 °C            | 178-183 |
| Oil Content%<br>油含量%  | 1.0-2.0              | Soluble Zinc content%<br>水溶性锌盐%    | 0.01    |
| Density at 20°C (g/cm <sup>3</sup> )<br>20°C 下的密度(g/cm <sup>3</sup> ) | 1.41                 | Assay content % ≥<br>纯度 % ≥        | 95      |

#### \*\*\*Typical Properties 主要特性

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| White powder. The specific density is 1.41. Soluble in 1% NaOH solution, CS <sub>2</sub> , benzene, chloroform, slightly soluble in alcohol, insoluble in gasoline. | 白色粉末。相对密度为 1.41。溶于 1% 的氢氧化钠、二硫化碳、苯、氯仿，微溶于醇，不溶于汽油。 |
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#### \*\*\*Recommended Applications 应用推荐

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| ZDEC is a very fast primary or secondary accelerator for natural and synthetic rubber.it is also a very rapid accelerator for NR and SBR latices.it is a secondary ultra Accelerator for general purpose polymers (NR, SBR, IIR and EPDM), it can be used as primary accelerator in some Continuous cure applications as well as in latex. | ZDEC 是一种速度非常快的主或辅助促进剂,适用于天然橡胶与合成橡胶。同时它也是 NR 与 SBR 乳胶的非常快速的促进剂。在通用聚合物 (NR, SBR, IIR, EPDM) 中,它用作辅助,超速促进剂。在一些连续硫化应用及乳胶中也可用作主促进剂。 |
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#### \*\*\*Handling and Storage recommendations 推荐操作存储条件

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| The product should be stored in the dry and cooling place with good ventilation and should be avoiding hot and sunshine.<br>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。<br>通常情况下保质期 12 个月,建议使用 6 个月内。 |
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#### \*\*\*Package 包装

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|-----------------------------|---|
| Bag: 25kg/bag<br>包装: 25kg/包 | Pallet(1.1*1.1*0.1): 700kg/P<br>托盘(1.1*1.1*0.1) : 700kg/P |
|-----------------------------|---|