



DATA-SHEET

| SPECIFICATION & DATA SHEET 物质规格数据表 | | Chemical Analysis: 化学分析 | |
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| Product Code: 产品编码 | AC0005 2 000 42 | Chemical Name: 化学名称 | N-Cyclohexy-2-benzothiazole sulfenamide N-环己基-2-苯并噻唑次磺酰胺 |
| Trade Name: 商品名称 | Accelerator CBS (CZ) 促进剂 CBS(CZ) | CAS No.: CAS 编号: | 95-33-0 |
| Molecular Formula 分子式 | C ₁₃ H ₁₆ N ₂ S ₂ | Molecular Weight: 分子量 | 264.4 |
| Synonym 同类名称 | Conac S; Akrochem CBTS; Durax; Vulcafor HBS; Rhodifax 16; Vulkacit® CZ/EG-C | | |

Product Information: 产品资料

***Specification 规格

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| Appearance (visual inspection): 外观(目测) | Greyish white powder 灰白色粉末 | Initial M.P. °C ≥: 初熔点 °C ≥ | 96.0 |
| Ash content % ≤: 灰份 % ≤ | 0.30 | Loss on drying % ≤: 加热减量 % ≤ | 0.40 |
| Residues(150µm) % ≤: 筛余物(150µm) % ≤ | 0.10 | Oil Content % 油含量 % | 1.0-2.0 |
| Insoluble in methanol % ≤ 甲醇不溶物 % ≤ | 0.50 | Final M.P. °C ≥: 终熔点 °C ≥ | 100-105 |
| Assay content % ≥ 纯度 % ≥ | 95 | Density at 25 °C (g/cm3) 25 °C 下的密度(g/cm3) | 1.31-1.34 |

***Typical Properties 主要特性

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| Grayish-white powder with little odor, no poison. The density is 1.31-1.34. The melting point is more than 96 °C. Soluble in toluene, Chloroform, benzene, CS ₂ , CH ₂ Cl ₂ , acetone, ethyl acetate, insoluble in water, gasoline, acid/Alkali with lower concentration. | 灰白色粉末, 气味小, 无毒。比重为 1.31-1.34。熔点 96 °C 以上。溶于甲苯, 氯仿, 苯, CS ₂ , CH ₂ Cl ₂ , 丙酮, 乙酸乙酯, 不溶于水, 汽油, 酸/碱, 浓度较低。 |
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***Recommended Applications 应用推荐

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| CBS is a primary amine based, general purpose primary accelerators with fast cure, good scorch safety and excellent modulus development; In tyre compounds, CBS is normally used alone with insoluble sulfur combine with small quantity of secondary accelerators; In rubber industry parts, CBS combine with other accelerators such as TMTD can replace the MBTS/DPG system. It is widely used for making tyre, rubber tubes, shoes, tapes and cables. | CBS 是一种基于伯胺的通用型主促进剂, 具有快速固化, 良好的焦烧安全性和优异的模量发展性; 在轮胎化合物中, CBS 通常单独使用, 不溶性硫与少量辅助促进剂结合使用; 在橡胶工业部件中, CBS 与 TMTD 等其他加速器结合可替代 MBTS / DPG 系统, 广泛用于制造轮胎, 橡胶管, 鞋子, 胶带和电缆。 |
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***Handling and Storage recommendations 推荐操作存储条件

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| Store CBS in a cool, dry, well-ventilated area, avoiding exposure of the packaged product to direct sunlight. Double stacking of palletized material can result in unusually compacted product or broken granule. Do not store this product near insoluble sulfur as the amine vapors characteristically emitted from this material can cause insoluble sulfur to revert to rubber marker's sulfur. Usually the shelf time is 12 months while the recommend use of date is 6 months. | CBS 存放在阴凉, 干燥, 通风良好的区域, 避免将包装好的产品暴露在阳光直射下。托盘化材料的双重堆叠可导致异常压实的产品或破碎的颗粒。不要将此产品存放在不溶性硫附近, 因为从这种材料中特征性地排出的胺蒸气会导致不溶性硫转化为橡胶标记的硫。 通常保质期为 12 个月, 而推荐使用日期为 6 个月。 |
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***Package 包装

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| Bags: 25kg/bag 包装袋: 25kg/包 | Pallet(1.1*1.1*0.1): 600kg/P 托盘(1.1*1.1*0.1): 600kg/P |
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