



### DATA-SHEET

SPECIFICATION & DATA SHEET		Chemical Analysis:	
物质规格数据表		化学分析	
Product Code: 产品编码	AC0004 1 000 42	Chemical Name: 化学名称	N, N-Dicyclohexyl-2-benzothiazolyl sulfonamide N, N-二环己基-2-苯并噻唑次磺酰胺
Trade Name: 商品名称	Accelerator DCBS (DZ) 促进剂 DCBS (DZ)	CAS No.: CAS 编号:	4979-32-2
Molecular Formula: 分子式	C <sub>19</sub> H <sub>26</sub> N <sub>2</sub> S <sub>2</sub>	Molecular Weight: 分子量	347
Synonym 同类名称	Vulkacit® DZ/EG-C; Rhodfax 30		

Product Information: 产品资料

#### \*\*\*Specification 规格

Appearance (visual inspection): 外观(目测)	White powder 白色粉末	Assay Content % ≥ 纯度% ≥	96.0
Initial M.P. °C ≥ 初熔点 °C ≥	96.0	Loss on drying % ≤: 加热减量% ≤	0.40
Ash content % ≤: 灰份% ≤	0.30	Density at 25°C (g/cm <sup>3</sup> ) 25°C下的密度(g/cm <sup>3</sup> )	1.23
Residues(150um)% ≤: 筛余物 (150um) % ≤	0.10	Insoluble in cyclohexane % ≤: 环己基不溶物% ≤	0.50

#### \*\*\*Typical Properties 主要特性

DCBS is a slow curing delayed action accelerator. It has the best scorch resistance of the wholes range of sulfenamide accelerators. It produces a markedly slower cure and lower modulus than CBS, TBBS, and NOBS. The slower cure rate is useful when curing thick extrusions (e.g: Treads) or other thick articles.	DCBS 是一种慢速硫化延迟剂。DCBS 与其他次磺酰胺类促进剂相比, 焦烧安全性能最好。硫化速度、硫化模量明显低于 CBS、TBBS 和 NOBS 它的低硫化率的特性, 适用于厚制品 (如胎面) 或其它厚制品的硫化。
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#### \*\*\*Recommended Applications 应用推荐

It is particularly suitable (as sole accelerator) for rubber compounds where direct bonding to brass surfaces or brass coated steel wires is required (for example: tires and conveyor belts) At high concentrations, DCBS will cause slight discoloration in white or light colored compounds, but is non-staining.	DCBS (作单用作促进剂) 尤其适用于直接与黄铜表面或有黄铜镀层的钢丝粘合的胶料配方 (例如: 轮胎、传输带) 用量高时, 可能引起白色或浅色胶料轻微变色, 其本身无污染性。
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#### \*\*\*Handling and Storage recommendations 推荐操作存储条件

Store DCBS in single stacked pallets 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 granules. 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 24 months while the recommend use of date is 12 months.	DCBS 应单层储存在阴凉、干燥、通风良好的地方。包装好的产品应避免日光直射。重叠堆放将造成产品不正常压缩或颗粒破裂。本品不能存放在不溶性硫磺附近。从本产品中释放出的胺类挥发物会导致不溶性硫磺返原为普通硫磺。通常情况下保质期 为 24 个月, 建议使用 12 个月内。
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#### \*\*\*Package 包装

Bag: 25kg/bag 袋装: 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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