



### DATA-SHEET

SPECIFICATION & DATA SHEET 物质规格数据表		Chemical Analysis: 化学分析	
Product Code: 产品编码	AC0006 2 000 42	Chemical Name: 化学名称	N-tert-butylbenzothiazolyl-2- sulfonamide N-叔丁基-2-苯并噻唑次磺酰胺
Trade Name: 商品名称	Accelerator TBBS (NS) 促进剂 TBBS(NS)	CAS No.: CAS 编号:	95-31-8
Molecular Formula 分子式	C <sub>11</sub> H <sub>14</sub> N <sub>2</sub> S <sub>2</sub>	Molecular Weight: 分子量	238.37
Synonym 同类名称	Vulkacit® NZ/EG-C; Delac NS; Akrochem BBTS; Vulcafor BSB; Vulkacit NZ; Rhodifax 17		

#### Product Information: 产品资料

##### \*\*\*Specification 规格

Appearance (visual inspection): 外观(目测)	White powder 白色粉末	Initial M.P. °C ≥ 初熔点 °C ≥	105
Ash content % ≤: 灰份% ≤	0.40	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	Assay content % ≥ 纯度 % ≥	95
Density(g/cm3) 比重(g/cm3)	1.26-1.32		

##### \*\*\*Typical Properties 主要特性

White powder.The density is 1.26-1.32.it is soluble in Chloroform, Benzene, and Alcohol.and insoluble in water, gasoline, and acid/alkali with lower concentration.	白色粉末, 比重 1.26-1.32, 溶于氯仿、苯、二硫化碳、甲醇、乙醇、丙酮, 不易溶于水、汽油和稀酸、稀碱。
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##### \*\*\*Recommended Applications 应用推荐

In natural and synthetic rubber tire compounds; TBBS is normally used alone or with small quantities of secondary accelerators in combination with sulfur. TBBS is also used in industrial rubber products with higher levels of secondary accelerators, like as the TMTD to obtain faster vulcanization cycles and improved aging resistance TBBS may also be used in EPDM and NBR compounding as the primary accelerator, giving good scorch delay and fast cure rates. In comparison to CBS it displays a slightly longer scorch delay and is slightly more active. In NR, SBR, BR and blends, TBBS, when used at a 10% lower level, will give equal modulus to CBS and NOBS.	在天然橡胶与合成胶轮胎配方中, TBBS 与硫磺配合通常单用或与少量助促进剂并用 在橡胶工业制品中, TBBS 与高用量的助促进剂并用(如: TMTD) 可以获得较快的硫化周期, 并改善抗老性能 TBBS 也可用于与 EPDMH 和 NBP 胶料中作主促进剂, 以获得良好的焦烧延迟习惯年能及较快的硫化速率。 与 CBS 相比, TBBS 焦烧延迟性能稍好、活性稍 NR、SBR、BR 及其并用胶中, TBBS 降低用量 10% 时能获得与 CBS 及 MBS 相同的模量。
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##### \*\*\*Handling and Storage recommendations 推荐操作存储条件

Store TBBS in single stacked pallets in a cool, dry, well-ventilated area, avoiding exposure of the packaged product to direct sunlight. Usually the shelf time is 12 months while the recommend use of date is 6 months.	TBBS 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。 通常情况下保质期为 12 个月, 建议使用 6 个月内。
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##### \*\*\*Package 包装

Bag: 25kg/bag 包装: 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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