



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-AC006-00 OT	Chemical Name: 化学名称	N-tert-butyl-2-benzothiazolyl sulfonamide N-叔丁基-2-苯并噻唑次磺酰胺
Trade Name: 商品名称	Rubber Accelerator TBBS (NS) 硫化促进剂 TBBS(NS)	CAS No.: CAS 编号:	95-31-8
Molecular Formula 分子式	C ₁₁ H ₁₄ N ₂ S ₂	Molecular Weight: 分子量	238.37

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	Density at 25°C (g/cm ³) 25°C下的密度(g/cm ³)	1.280
Oil Content% 油含量%	1.0-2.0	Residues (63µm) % ≤: 筛余物(63µm) % ≤	0.50

***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.	淡黄色粉末, 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

<p>In natural and synthetic rubber tire compounds; TBBS is normally used alone or with small quantities of secondary accelerators in combination with sulfur.</p> <p>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</p> <p>TBBS may also be used in EPDM and NBR compounding as the primary accelerator, giving good scorch delay and fast cure rates.</p> <p>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.</p>	<p>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</p> <p>在橡胶工业制品中, TBBS 与高用量的硫促进剂并用(如: TMTD)可以获得较快的硫化周期, 并改善抗老性能</p> <p>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。</p> <p>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。</p>
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***Handling and Storage recommendations 推荐操作存储条件

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

<p>Bag: 25kg/bag 包装: 25kg/bag</p>	<p>Pallet(1.1*1.1): 600kg/P 托盘(1.1*1.1) : 600kg/P</p>
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