



## DATA-SHEET

SPECIFICATION & DATA SHEET 物质规格数据表		Chemical Analysis: 化学分析	
Product Code: 产品编码	AC0007 3 000 42	Chemical Name: 化学名称	N-Oxydiethylene-2-benzothiazole sulfonamide N-氧化二乙烯-2-苯并噻唑磺酰胺
Trade Name: 商品名称	Accelerator NOBS(MBS) 促进剂 NOBS(MBS)	CAS No.: CAS 编号:	102-77-2
Molecular Formula 分子式	C <sub>11</sub> H <sub>12</sub> N <sub>2</sub> S <sub>2</sub> O	Molecular Weight: 分子量	253.35
Synonym 同类名称	Vulkacit® MOZ/LG; Delec MOR; Pennac MBS; Royal OBTS; Vulcafor BSM; Nocceler MSA-G		

### Product Information: 产品资料

#### \*\*\*Specification 规格

Appearance (visual inspection): 外观(目测)	Light yellow granule 浅黄色颗粒	Assay Content %≥: 纯度%≥	95
Initial M.P. °C ≥ 初熔点 °C ≥	80.0	Loss on drying (%) ≤: 加热减量% ≤	0.50
Ash content % ≤: 灰份% ≤	0.40	Insoluble in Methanol % ≤ 甲醇不溶物% ≤	0.50
Density at 20 °C (g/cm³) 20 °C 下的密度(g/cm³)	1.360		

#### \*\*\*Typical Properties 主要特性

Light yellow granule with little odor of ammonia, no poison. The density is 1.36. The melting point is more than 80 °C. It soluble in chloroform, benzene, Acetone. Insoluble in water, gasoline, acid / alkali with lower concentration. It will decompose step by step with temperature over 60 °C.	浅黄色颗粒, 氨气少, 无毒。密度为 1.36。熔点大于 80 °C。它溶于氯仿, 苯, 丙酮。不溶于水, 汽油, 酸/碱, 浓度较低。温度超过 60 °C 时会逐步分解。
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#### \*\*\*Recommended Applications 应用推荐

The product can be used as sole accelerator or in combination with low level of secondary accelerators in NR or Synthetic rubber compounds where extended scorch time are required. Typical examples are thick tire treads and extrusion, compounds with high loading of furnace blacks and compounds which are stored, uncured, for long periods, such as camelback. NOBS is also an excellent accelerator for EPDM cure systems were a high degree of processing safety needs to be combined with a fast cure	可用作单独的促进剂或与 NR 或合成橡胶化合物中的低含量二级促进剂组合使用, 其中需要延长的焦烧时间。典型的例子是厚轮胎胎面和挤出, 具有高负荷炉黑的化合物和长期储存, 未固化的化合物, 例如驼峰。 NOBS 也是 EPDM 固化系统的优秀加速剂, 具有高度的加工安全性, 需要与快速固化相结合
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#### \*\*\*Handling and Storage recommendations 推荐操作存储条件

Store NOBS 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 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 6 months while the recommend use of date is 3 months.	将 NOBS 存放在单个堆叠的托盘中, 置于阴凉, 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。托盘式物料的双层叠可能会导致异常压实的产品或破碎的颗粒。不要将此产品储存在不溶性硫附近, 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 6 个月, 而推荐使用日期为 3 个月。
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#### \*\*\*Package 包装

Bag: 25kg/bag 包装: 25kg/包	Pallet(1.1*1.1*0.1): 800kg/P 托盘(1.1*1.1*0.1) : 800kg/P
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