



**橡胶硫化促进剂
RUBBER ACCELERATOR**

WILLING CBS (CZ)

化学名称

N-环己基-2-苯并噻唑次磺酰胺

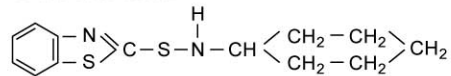
Chemical Name

N-Cyclohexyl-2-benzothiazole sulfenamide

分子式/Molecular Formula

C₁₃H₁₆N₂S₂

结构式/Molecular Structure



分子量/Molecular Weight

264.4

CAS 编号/CAS NO.

95-33-0

技术指标 /Specifications

项目 / Item	粉料 / Powder	加油粉料 / Oiled Powder	颗粒 / Granule
外观(目测) / Appearance	灰白色粉末(颗粒) / Gray-white powder(granule)		
初熔点 / Initial Melting Point, °C ≥	98.0	98.0	98.0
加热减量 / Loss on Drying, %, ≤	0.30	0.40	0.30
灰分 / Ash, %, ≤	0.30	0.40	0.30
筛余物 / Residue on 150 μ m Sieve, %, ≤	0.10	0.10	\
筛余物 / Residue on 63 μ m Sieve, %, ≤	0.50	0.50	\
添加剂 / Additive, %	\	1.0-2.0	\
粒径 / Granule Diameter, mm	\	\	1.50

**性状
Properties**

灰白色粉末(颗粒), 稍有气味, 无毒。比重1.31-1.34, 熔点98℃以上, 易溶于苯、甲苯、氯仿、二硫化碳、二氯甲烷、丙酮、乙酸乙酯, 不易溶于乙醇, 不溶于水和稀酸、稀碱和汽油。

Gray white powder (granule) with a little odor, no poison. The density is 1.31-1.34. Soluble in benzene, toluene, chloroform, CCl₄, CH₂Cl₂, acetone, ethyl acetate, insoluble in water, gasoline, acid / alkali with lower concentration.

**用途
Applications**

CZ是一种高度活泼的后效促进剂, 抗焦烧性能优良, 加工安全, 硫化时间短。在硫化温度138℃以上时促进作用很强。常与WILLING TMTD、WILLING DPG或其他碱性促进剂配合作第二促进剂。碱性促进剂如秋兰姆类和二硫化氨基甲酸盐类可增强其活性。主要用于制造轮胎、胶管、胶鞋、电缆等工业橡胶制品。

A medium fast primary accelerator suitable for NR, IR, SBR, NBR, HR and EPDM. An outstanding delayed action accelerator. Be top effective and safe when used at ordinary processing temperatures, causing no scorches. Vulcanized show excellent physical property and quick complete. Usually used alone when activated by WILLING DPG, WILLING TMTD and WILLING TS.

**包装
Package**

25kg塑编袋、纸塑复合袋、牛皮纸袋, 或集装塑编袋。

25kg plastic woven bag, paper with plastic film bag, kraft paper bag or jumbo bag.

**贮存
Storage**

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阳光直射, 重叠堆放将造成产品不正常压缩或颗粒破裂。高湿度或高温会引起产品分解。有效期1年。

The product should be stored in the dry and cooling place with good ventilation, avoiding exposure of the packaged product to direct sunlight. The validity is 1 year.

**说明
Notes**

本产品可以根据客户要求做超细粉末。

The product could be ultrafine powder based on customer accurate requirement.