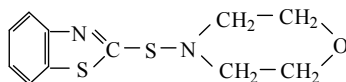


## Rubber Accelerator MBS(NOBS)

**Chemical Name** N-Oxydiethyl-2-benzthiazolsulfenamid

**Molecular Structure**



**Molecular Formula** C<sub>11</sub>H<sub>12</sub>N<sub>2</sub>S<sub>2</sub>O

**Molecular Weight** 252

**CAS#** 102-77-2

**Specifications** GB/T 8829-2006

| Item                   | Specifications        |      |
|------------------------|-----------------------|------|
|                        | 1st grade             |      |
| Appearance             | Light yellow granules |      |
| Initial Melting Point, | (°C)Min.              | 78.0 |
| Final Melting Point    | (°C)Min.              | 80.0 |
| Heat Loss              | % Max.                | 0.50 |
| Free amines            | (%)Max.               | 0.50 |
| Methanol insolubles    | (%)Max.               | 0.50 |
| Purity                 | (%)Min.               | 95.0 |
| Ash                    | %Max.                 | 0.30 |

**Properties** Light yellow granules, Relative density: 1.34~1.40g/cm<sup>3</sup>, easy to soluble in dichloromethane, acetone, soluble in benzene, carbon tetrachloride, ethyl acetate and alcohol, a little soluble in gasoline, insoluble in water. It can be dissolved when being heated.

**Applications** A fast curing accelerator with a delayed action, especially suitable for the basic furnace carbon black natural rubber and synthetic rubber, able to improve the physical and anti-aging properties of rubber, also be used as tire rubbers.

**Storage** Store closed containers in a cool, dry, well-ventilated area. Avoid exposure to direct sunlight.

**Packing** Coextruded paper bags lined with polyethylene film bags. Net weight 25 kg per bag.