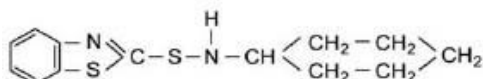


**RUBBER ACCELERATOR CBS(CZ)-80**
**CHEMICAL NAME:** N-Cyclohexy-2-benzothiazole sulfenamide

**MOLECULAR FORMULA:** C<sub>13</sub>H<sub>16</sub>N<sub>2</sub>S<sub>2</sub>
**CAS NO.:**95-33-0

**MOLECULAR STRUCTURE:**

**SPECIFICATIONS:**

Active Content(%)	80	Carrier	SBR
Appearance	Grey-White To Light Yellow Granules	Melting Point	96℃ min
Mush	100	Free Amine Content	0.5% max
Mooney Viscosity ML1+4 50℃	≤50	Ash Content(950℃,2h)	0.4% max
Sulfur Element	19.0	Volatile Content	0.5% max
Density(g/Cm <sup>3</sup> )	1.05	63μm Sieve Residue	0.5% max
Composition	A homogeneous mixture of dipentamethylene thiuram tetrasulphide and polymeric binder at 70/30 ratio		

※Binder type can be customized. Except SBR/TPR, others binders, such as EPDM,NBR also can be available for.

**APPLICATION:**

Vulcanization accelerator CBS can prolong scorching time of rubber compounds, high processing safety and fast vulcanization rate.

It can be used alone in low-sulfur vulcanization, might as well can be used together with dithio- carbamates or thiurams.

Its vulcanizate has excellent properties of anti-ageing and compression set resistance.It can obviously shorten scorching time of rubber compounds together with dithiocarbamates and thiurams.

Thioureas have obvious effect on secondary acceleration to CBS, especially in the low-sulfur rubber compounds.

It can delay scorching and improve processing safety in thiols and thiurams rubber compounds.

**DOSAGE:**

For NR:primary accelerator:0.5-1.0phr with 2.5-3.5phr sulfur;

For SBR: 1.0-1.5phr combine with 0-0.2 thiurams accelerators and 1.5-2.5phr sulfur.

**PACKING & STORAGE:**

Net weight 25kg/PE bags lined carton; Net weight 600 kg/pallet.

Shelf-life: 12 month in its original packaging

Stored in a dry and cool place.