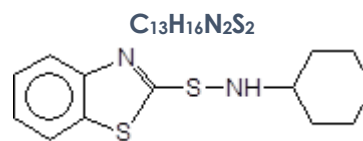


CBS masterbatch (Sulfenamide accelerator)

- N-CYCLOHEXYLBENZOTHAZOLE-2-SULFENAMIDE
- Molecular Weight : 264
- CAS : 95-33-0
- EINECS : 202-411-2



PRODUCT	Active Content (%)	Colour N for Natural P for Pigment	Filtration (μ m)	Mooney ML (1+4) 80°C Typical value	Density Typical value
CBS 80 GA F140	80	Blue to bluish* (P)	140	35	1.18

GA: Granules co-polymer of acetate/acrylate & polyethylene

* Depending on natural variation of CBS

ACTIVE MATERIAL TYPICAL VALUES

- Melting point : 97 °C
- Purity : 97.0%

REMARKS

Slightly discolouring
Non-staining

PROPERTIES

Mixland+® CBS masterbatch is a medium speed primary sulfenamide accelerator for NR, IR, BR and especially SBR, combining a fast cure with a delayed action.

It has the ability to provide fast efficient mixing of difficult, highly loaded carbon black reinforced compounds, without sacrificing scorch safety or physical properties. Its vulcanisates have good heat ageing and tear resistance.

It is used alone or can be boosted by small additions of other accelerators: thiurams or guanidines, to adjust and optimize the scorch / cure relationship for particular application conditions.

Mixland+® CBS masterbatch shows a good dispersion and a high degree of processing safety. It allows prolonged and difficult high-temperature mixing and manufacturing processes to be carried out without problems due to scorch; yet at 135 -150° C it still produces a fast cure effect.

APPLICATIONS

Tires, buffers, conveyor belting, seals, hose, profiles, footwear, cable sheathing, insulation, etc...

PACKAGING & STORAGE

- PE bags weight : 20 kg net
 - Standard CP3 pallet : 640 kg - Do not pile more than 2 pallets height
 - Shelf-life : **1 year** in its original packaging
- Store in a dry and cool place and away from direct sources of heat or sunlight.

SAFETY & TOXICITY

For detailed information, please refer to our Material Safety Data Sheet.

NITROSAMINE FREE

MIXLAND+® MASTERBATCH ALLOWS:

- Dust free products with a high level of filtration up to 100 μ
- Tack free products at room temperature
- Lower Mooney viscosity, improving quality of dispersion
- Scrap rate reduction thanks to filtration
- Wider compatibility with elastomers

The information contained in this leaflet is based on tests carried out by our laboratories and data selected from the literature but shall in no event be held to constitute or imply any warranty or undertaking. No liability whatsoever can be accepted with regard to the handling, processing or use of the products concerned, which must in all cases be employed with regard to all relevant regulations and/or legislation in the country or countries concerned.

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TECHNICAL DATA SHEET

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