

**SIN RUBTECH® POLYMER BOUND
PREDISPERSED NOBS – 70G****Product Description**

Composition:	A proprietary predispersed 70% N,Oxydisthylene 2-Benzothiazole sulphenamide in a 30% elastomeric / processing aid binder specially formulated for use in EPDM, NR, SBR, BR formulations
Appearance:	Beige Granules.
Density:	Approx. 1.17 g/cm ³ .
ML 1+4 @ 50°C	< 70
Moisture Content:	< 1.0 %
Melting Point: (of active NOBS)	~ 80 oC
Storage Stability:	At least 2 years under normal storage conditions.
Packing:	18 kg nett in sealed PE bag in a carton box.

Recommendations and Applications

Polymer bound predispersed NOBS – 70G is recommended where a more eco-friendly natural, higher productivity and better dispersion is required.

The active ingredient NOBS is also known as MBS or MOR where its similar chemical structure is called 2-(Morpholiniothiol benzothiazole). NOBS gives the largest scorch time when compared to other sulphenamides:



NOBS is not to be used in nitrosoamine free formulations. Our CTP – 80G can considerably increase the scorch time of NOBS – 70G even at $\leq 0.25\text{PHR}$.

NOBS – 70G is slightly discolouring but non-staining. NOBS – 70G is still used in OEM tyre tread and retread formulations where nitrosoamine is still not an issue.

Dosage

Recommend initially to try NOBS – 70G at 1.14:1 substitution of NOBS powder. Dosage can be 0.5 to 2.0 PHR

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