

**SIN RUBTECH® POLYMER BOUND
PREDISPERSED PEPTSIN SG****Product Description**

Composition:	A proprietary combination of a chemical peptiser, 0,0 ¹ - dibenzamidodiphenyl disulphide with an organic metallic catalyst, mechanical peptiser & surfactant in an elastomeric binder.
Appearance:	Bluish Granules.
Density:	Approx. 1.20 g/cm ³ .
Odour:	Faint.
Solubility:	Moderately soluble in most hydrocarbon.
Storage Stability:	Over 2 years under normal conditions. PEPTSIN SG turns yellow on storage as a result of expected chemical reactions of the combined materials.
Packing:	25 kg nett in sealed PE bag in a carton box.

Recommendations and Applications

PEPTSIN SG is a very effective high-tech activated rubber soluble peptiser for natural as well as synthetic rubbers. It is effective over a wide temperature range of 60°C to 150°C. Being predispersed in an elastomeric binder, PEPTSIN SG can be added early in open mill masticating. Typically using 350gm of a SMRL, on a lab. mill with roll temperatures 80±10°C and nip 2mm, 0.1PHR PEPTSIN SG can reduce Mooney viscosity ML 1+4 @ 100°C by 40 points in just 5 minutes. PEPTSIN SG may confer a slight bluish colour to compounds but on curing the colour disappears. PEPTSIN SG has been satisfactorily used even in coloured products.

PEPTSIN SG does not bloom or affect the adhesion of rubber to wire cords. On the contrary, PEPTSIN SG enhances rubber-to-wire cord adhesion.

Dosage**RAW RUBBERS**

NR
CR, NBR, SBR and BR

PHR

0.05 – 0.5
0.5 – 3.0

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