

**SIN RUBTECH[®] POLYMER BOUND
PREDISPERSED SHPP – 50G****Product Description**

Composition:	A proprietary predispersed 50% Steric Hindered Polyphenol antioxidant in a 50% elastomeric / processing aids binder specially formulated for use in EPDM, NR, SBR, BR formulations
Appearance:	Cream Granules.
Odour:	Faint.
Density:	Approx. 0.97 g/cm ³ .
ML 1+4 @ 50°C	< 70
Moisture Content:	< 1.0 %
Melting Point: (of active SHPP)	> 90 °C
Storage Stability:	At least 2 years under low humidity storage conditions.
Packing:	18 kg nett in sealed PE bag in a carton box.

Recommendations and Applications

SIN RUBTECH[®] SHPP – 50G is recommended where high productivity, better dispersion and a more eco-friendly environment are required. This often translates to a lower bottom-line costing. A special advantage of our polymer bound predispersed chemicals is their better storage stability under tropical ambient conditions.

The active ingredient steric hindered polyphenol (Butylated reaction product of p-cressol and dicyclopentadiene) is a very efficient non-staining, non-discolouring antioxidant suitable for white, light-coloured and transparent products. It protects the vulcanisates against ageing under the influence of oxygen and/ or heat. Added advantages are its low volatility at processing temperatures and resistance to water leaching during service.

Dosage

Recommend 0.5 – 1.0 PHR active ingredients.

Source of steric hindered polyphenol antioxidant is NAFTONOX ZMP from Chemetall Gesellschaft and the polymer bound form is manufactured under license by UA Rubber Speciality Chemical Sdn. Bhd.

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