

**SIN RUBTECH® POLYMER BOUND
PREDISPERSED DPTT – 75G****Product Description**

Composition:	A proprietary predispersed 75% Dipentamethylene thiuram tetrasulphide in a 25% elastomeric / processing aids binder. specially formulated for use in EPDM, NR, SBR, BR formulations
Appearance:	Light Grey Granules.
Density:	Approx. 1.22 g/cm ³ .
ML 1+4 @ 50°C	< 70
Moisture Content:	< 1.0 %
Melting Point: (of active DPTT)	> 105 °C
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 DPTT – 75G is recommended where a more eco-friendly material, higher productivity and better dispersion is required. This often translates to lower bottom-line costing.

The active ingredient DPTT is an ultra fast accelerator. DPTT with 16.6% active sulphur can also be used as a sulphur donor but because of its high cost, finds applications mainly as a secondary accelerator with possible elemental sulphur reduction to give a broad vulcanization curve with better reversion resistance leading to better vulcanisates heat aging resistance.

DPTT is commonly used as an aid as an ultrafast accelerator cum sulphur donor to adjust cure/blow characteristics of open blown sponge profiles.

DPTT gives off the harmful nitrosodipentamethylamine and should not be used in nitrosoamine free formulations.

Dosage

DPTT – 75G	:	0.15 to 0.6 PHR as secondary accelerator.
	:	Up to 4 PHR as a sulphur donor.
	:	5 - 6.5 PHR as vulcanising agent for CR with 4 PHR MgO.

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