

**SIN RUBTECH® POLYMER BOUND
PREDISPERSED SRT #3G****Product Description**

Composition:	A proprietary predispersed combination of thiazole, thiuram, dithiocarbamate and thiourea in an elastomeric / processing aids binder specially formulated for use in EPDM, NR, SBR, BR formulations
Appearance:	Beige Granules.
Density:	Approx. 1.20 g/cm ³ .
ML 1+4 @ 50°C	< 70
Moisture Content:	< 1.0 %
Melting Point:	Not Applicable.
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

SRT #3G is a tailored-made polymer bound predispersed combination of four conventional accelerators / activator specifically for bloom-free, non staining curing of general purpose 100% EPDM products – particularly extruded solid / sponge profiles. Its nearest equivalent is Rhein Chemie RHENOCURE EPC or the powder form Deutsche Oelfabrik Deovulc EG 3. SRT #3G is recommended to be used at 3 PHR – 5 PHR with minimum 5 PHR – 10 PHR Zinc Oxide for good activation with 1 PHR Stearic Acid and Sulphur 1 – 2 PHR. For conventional cures, no additional accelerators / activators are needed. For better heat resistance and lower compression set 3 PHR – 5 PHR of SRT #3G may be used with S 0.5 PHR + DTDM 2.0 PHR (Sulphur donor).

Using our SRT #3G, cure onset can be hastened by increasing dosage from 3 PHR to 5 PHR, or addition of 0.2 PHR to 0.7 PHR of DPTT-70G or DOTG-70G or ETU-70G. To retard cure of SRT #3G, use up to 0.25 PHR of CTP-80G and/or reduce ZnO to 3 PHR. Better still use our proprietary SRT #2 which has at least 20% longer t_2 at 180°C. Any variation of the normal SRT #3G cure system should only be done after actual trials to ensure that a bloom free status is maintained.

NB: SRT #3G bloom free status does not apply to EPDM blends.