

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

Composition:	A proprietary 75% insoluble sulphur in a 25% elastomeric / processing aids binder specially formulated for use in EPDM, NR, SBR, BR formulations
Appearance:	Yellow Granules.
Density:	Approx. 1.40 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:	22 kg nett in sealed PE bag in a carton box.

Recommendations and Applications

Polymer bound predispersed SIN RUBTECH® ISE – 75G is recommended where a more eco-friendly material, high productivity and better dispersion is required. This often translates to lower bottom-line costing.

The active ingredient μ -sulphur or insoluble sulphur is still today the most common curative agent for unsaturated polymers where sulphur bloom in unvulcanised compound is not tolerated.

The ISE – 75G contains 75% total active sulphur. 60% of this total active sulphur is present in the insoluble S_u state. The ratio of insoluble sulphur to soluble sulphur is well balanced so that in most applications ISE – 75G can offer advantages like insoluble sulphur itself with lower raw material cost.

Insoluble sulphur in powder form is more difficult to mix and disperse as it becomes thermoplastic at normal processing temperatures. Insoluble sulphur also tends to revert at > 80°C and this is accelerated by the presence of alkaline materials. Our ISE – 75G assists you to mix faster and dump at lower temperatures than when using the powder grade.

Dosage

Recommend initially to use 1.33 part of ISE – 75G in substitution of 1 part 100% active insoluble sulphur and gradually work towards a 1.07:1.00 substitution.

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