

Rhenogran® Triazine TM-70/AEMD

Predispersed rubber chemicals and additives

Function

Cross-linking agent for CO and ECO and other halogen curesite-containing polymers

Product description

Composition:	70 % 2,4,6-trimercapto-s-triazine 30 % elastomer binder (AEMD) and dispersing agents
Appearance:	yellow granules
Density, 20 °C:	approx. 1.46 g/cm ³
Physiological properties:	see safety data sheet

Use

Mode of action: Rhenogran Triazine TM-70/AEMD is used as curing agent for the vulcanization of ECO and CO rubber compounds. It may also be used in other halogen containing polymers, e.g. CR , ACM, etc.

Most compounds including Rhenogran Triazine TM-70/AEMD are sensitive to scorch. Therefore, compounds should not be processed too long after mixing. Ready mixed compounds have to be stored under cool and dry conditions. Depending on the formulation, storage time should not exceed one week. To improve the storage stability it is recommended to combine Rhenogran Triazine TM-70/AEMD with retarders, e.g. Rhenogran Retarder E-80 or Rhenogran CTP-80 and scorch stabilizers like Rhenogran ZBOP-50 or Rhenogran ZDT-50. As curing activator, Rhenogran HPCA-50 is recommended.

Processing: With regard to the tendency to scorch it is recommended to add the curing system at the end of the first, preferably in the second mixing stage. The thermoplastic binder, especially developed for the use in acrylate rubber in combination with special dispersing agents allows quick absorption and excellent dispersion in the rubber. In this way, optimal activity of the effective substance is assured.

Dosage: (phr in ECO or CO)

Rhenogran Triazine TM-70/AEMD	1.0-1.5
Rhenogran ZBOP-50/Rhenogran ZDT-50	0.5-1.0
Rhenogran HPCA-50	0.5-1.0
Rhenogran Retarder E-80/ Rhenogran CTO-80	0.4-0.8/ 0.5-1.0

Application: Technical rubber articles based on ECO and CO and other halogen cure site-containing polymers for sealings, diaphragms, hoses, roller coverings

Packaging

20 kg carton with PE bag inside on 480 kg skid

Storage stability

In original closed containers under cool and dry conditions 730 days from date of production.

Handling

For additional handling information on Rhenogran Triazine TM-70/AEMD please consult current safety data sheet.

Our technical advice - whether verbal, in writing or by way of trials - is given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. It does not release you from the obligation to test the products supplied by us as to their suitability for the intended processes and uses. The application, use and processing of the products are beyond our control and, therefore, entirely your own responsibility. Should, in spite of this, liability be established for any damage, it will be limited to the value of the goods delivered by us and used by you. We will, of course, provide products of consistent quality within the scope of our General Conditions of Sale and Delivery.



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