

Rhenogran® TAC-50

Predispersed rubber chemicals and additives

Function

Crosslinking coagent for the peroxide vulcanization of synthetic rubbers

Product description

Composition:	50 % triallyl cyanurate 50 % elastomer binder and dispersing agents
Appearance:	beige granules
Density, 20 °C:	approx. 1.23 g/cm ³
Physiological properties:	see safety data sheet

Use

Mode of action:	Polymer radicals being formed during peroxide vulcanization react with the allyl groups of the coagent Rhenogran TAC-50, thus providing additional reactive sites for crosslinking. Generally, the rate of crosslinking can be considerably improved by the addition of a coagent. The vulcanizates partly show increased hardness, higher modulus, outstanding rebound resilience and good abrasion resistance. The storage stability and processing safety of compounds are not influenced by the presence of Rhenogran TAC-50 to a considerable extent.
Processing:	The thermoplastic, fully compatible elastomer binder which is combined 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:	0.5-4.0 phr, depending on the used peroxide and its dosage
Application:	Molded and extruded technical articles based on EPDM, EPM, NBR, CM, e.g. seals, sleeves, cables, profiles

Packaging

20 kg carton with PE bag inside on 800 kg skid

Storage stability

In original closed containers under cool and dry conditions 730 days from date of production (storage temperature should not exceed 30°C to prevent granules from sticking together).

Handling

For additional handling information on Rhenogran TAC-50 please consult current safety data sheet.

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