

Rhenogran® AP 8

Predispersed rubber chemicals and additives

Function

Additive package for cross-linking synthetic rubber free from secondary amines which can form nitrosamines

Product description

Composition:	Synergistic combination of 70 % zinc dithiophosphate-, thiazole- and dibenzyl dithiocarbamate-type accelerators, predispersed and polymerbound in 30% EPDM based matrix
Appearance:	grey-beige granules
Density, 20 °C (RC033F):	approx. 1.28 g/cm ³
Physiological properties:	see safety data sheet

Use

Mode of action:	Because of its composition, Rhenogran AP 8 can be used for cross-linking synthetic rubbers such as EPDM, NBR, etc. The additive package does not form carcinogenic nitrosamines. It causes rapid vulcanization of EPDM. Good vulcanization characteristics and vulcanizates with excellent physical values and good compression set values are obtained.
Processing:	The form of the elastomer-bound granules ensures that the composition is always consistent. None of the separation effects associated with pure powder accelerator combinations can occur. Using Rhenogran AP 8 ensures clean, environmentally friendly handling combined with ease of incorporation and rapid, homogenous dispersion.
Dosage:	Approx. 3-6 phr in EPDM with approx. 1-2 phr sulfur; approx. 1.5-3 phr in NBR, SBR with approx. 0.5-2 phr sulfur. By adding 1-3 phr Rhenogran ZAT-70, vulcanization can be further accelerated and cross-linking yields increased.
Application:	Technical rubber products of all types. Particularly suitable for manufacturing articles from EPDM, NBR and SBR such as rigid profiles, blown profiles and molded articles.

Packing

25 kg paper bag on 500 kg skid

Storage stability

Under cool and dry conditions in original sealed containers 365 days from date of production

Handling

For additional handling information on Rhenogran AP 8 please refer to current safety data sheet.

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LANXESS Deutschland GmbH
Business Unit Rhein Chemie
Kennedyplatz 1
D-50569 Cologne, Germany
<http://rch.lanxess.com>