

Rhenogran® HPCA-50

Predispersed rubber chemicals and additives

Function

Crosslinking activator and stabiliser for CR, HIIR, ECO, CO and other halogenated polymers and acrylic rubber, ACM and AEM.

Product description

Composition:	50 % synergistic combination of aminic co-activator and antioxidant, 50 % elastomer binder and dispersing agents
Appearance:	off-white granules
Density at 20°C:	1.1 g/cm ³
Physiological properties:	see safety data sheet

Use

Mode of action: Rhenogran HPCA-50 can be used as replacement for MgO in polychloroprene compounds. Excellent heat aging properties can be achieved. Replacement of MgO by Rhenogran HPCA-50 in blends with HIIR compounds is also possible. In acrylic rubber (ACM, AEM) Rhenogran HPCA-50 may be used as replacement for guanidine accelerators (DOTG, DPG). Rhenogran HPCA-50 causes a fast and safe vulcanization. The product is utilized for curing of CR and HIIR blends with the common chemicals, for example Rhenogran ZnO-80, Rhenocure CRV/LG, Rhenogran MTT-80, Rhenogran ETU-80, or Rhenogran TDD-70. As co-agent for lead-free curing of epichlorohydrine compounds (CO, ECO) it is applied in combination with Rhenogran Triazine TM-70/AEMD.

Processing: A mixing temperature higher than 80 °C is recommended. The vulcanizates show good aging resistance and good mechanical properties. Blooming does normally not occur.

Dosage: CR, HIIR: 2-5 phr
CO, CPE, ECO: 0.5-2 phr

Application: Halogenated polymers, e.g. CO, CPE, CR, ECO, HIIR

Packaging

20 kg carton with PE bag inside on 480 kg skid

Storage stability

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

Handling

For additional information see the current safety data sheet on Rhenogran HPCA-50.

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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