Rhenogran®
CTP-80

Function
Pre-vulcanization inhibitor for natural and synthetic rubbers

Product description
Composition: 80 % N-(cyclohexylthio)-phthalimide
20 % elastomer binder and dispersing agents
Appearance: beige granules
Density, 20 °C: approx. 1.23 g/cm³
Physiological properties: see safety data sheet

Use
Mode of action: Rhenogran CTP-80 retards the onset of cure in NR and synthetic rubber without considerably extending the total curing time. It is preferably used with sulfenamide or thiazole accelerators to improve processing safety, leaving the properties of the vulcanizate unchanged. Rhenogran CTP-80 significantly improves the storage stability of uncured compounds. When Rhenogran CTP-80 is added processing of rubber compounds at higher temperatures is feasible, thereby increasing machine capacity utilization. Contact staining does not occur. Rhenogran CTP-80 causes only very slight discoloration in bright or white articles.

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: 0.2-2.0 phr

Application: Compounds based on synthetic and natural rubber which are mainly cured with thiazole and sulfenamide accelerators, e.g. in the production of tires, conveyor belts, shoe soles, technical molded and extruded articles

Packaging
25 kg paper bags on 1000 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 CTP-80 please consult current safety data sheet.
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