

Rhenogran® Retarder E-80

Predispersed rubber chemicals and additives

Function

Retarder for natural and synthetic rubber

Product description

Composition:	80 % sulfonamide derivative 20 % elastomer binder and dispersing agents
Appearance:	off-white to beige granules
Density, 20 °C:	approx. 1.39 g/cm ³
Physiological properties:	see safety data sheet

Use

Mode of action:	Rhenogran Retarder E-80 greatly retards the onset of cure 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 vulcanizates generally unchanged. Rhenogran Retarder E-80 does not cause contact staining. Vulcanizates exposed to light undergo no discoloration. Only pure white articles may undergo slight yellowing under prolonged exposure.
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:	0.1-2.0 phr For compounds containing thiuram (except NBR compounds) Rhenogran Retarder E-80 has a very slight or no retarding effect. If magnesium oxide is added, Rhenogran Retarder E-80 is also effective in thiuram-cured compounds based on NR or SBR.
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, molded and extruded technical rubber articles

Packaging

25 kg carton with PE bag inside 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 Retarder E-80 please consult current safety data sheet.

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