

Rhenogran® HMDC-70/AEMD

Predispersed rubber chemicals and additives

Function

Cross-linking agent for ethylene acrylic rubber (AEM)

Product description

Composition:	70% Hexamethylene diamine carbamate 30% AEMD, dispersing and dusting agents
Appearance:	white granules
Density, 20 °C:	approx. 1.18 g/cm ³
Physiological properties:	see safety data sheet

Use

Mode of action:	Rhenogran HMDC-70/AEMD is mainly used as a curing agent for ethylene acrylic elastomers (AEM), mostly together with guanidine accelerators, e.g. Rhenogran DPG-80, Rhenogran DOTG-70 or the Rhenogran XLA-60. Co-vulcanisation with peroxides is possible. It can also be used as curing agent in other polymers, e.g. ECO or ACM polymers.
Processing:	Rhenogran HMDC-70/AEMD normally is added in the last stage of the compounding process.
Dosage:	1 - 3 phr Rhenogran HMDC-70/AEMD and 4 - 6 phr Rhenogran DPG-80 or Rhenogran DOTG-70 or 2 - 5 phr Rhenogran XLA-60.
Application:	Oil-resistant seals, hoses based on AEM, ECO/CO, ACM rubber for use in vehicles and engineering

Packing

20 kg carton with PE inner liner.

Storage stability

In originally sealed containers under cool and dry conditions 24 months minimum.

Handling

Consult material safety data sheet (MSDS) for additional handling information on Rhenogran HMDC-70/AEMD.

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