Function
Antioxidant especially for CR and for NR, IR, BR, SBR, and EVM

Product description
Composition: octylated diphenylamine
Appearance: light grey to reddish brown pastilles
Density, 20 °C: approx. 1.0 g/cm³
Melting point: min 85 °C
Ash content: max 0.5 %
Discolouration of vulcanizates: causes slight discolouration
Physiological properties: see safety data sheet.

Use
Mode of action:
Rhenofit OCD (like Rhenofit DDA) is an antioxidant preventing damage by oxygen and heat especially in CR and also in NR, IR, BR, SBR, EVM, and NBR. Being a heat protective agent, it is particularly recommended for applications that have to withstand higher temperatures.

Rhenofit OCD is effective against dynamic crack formation caused by oxygen (e.g. in NR and IR). If crack formation is mainly caused by ozone (e.g. in BR and SBR) it has little or no protective effect. Rhenofit OCD does not influence the scorch and total curing time. In conjunction with Rhenogran MMBI-70, Rhenofit OCD is most effective for the protection of rubber goods which are exposed to heat.

Processing: Rhenofit OCD is usually added during the first mixing step.

Dosage:
As antioxidant and for protection against rubber poisons: 1-2 phr
As anti-flexcracking agent: 1.5-3.5 phr

Application:
Bicycle tires, inner tubes, sponge rubber, footwear (particulary expanded rubber soles). Suitable for heat resistant goods; protection against heat and oxygen in CR.
Packaging
20 kg paperbags on 500 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 Rhenofit OCD please consult current safety data sheet.

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