Name | Controzon
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Description | antiozonant wax
Composition | selected n/iso-paraffinic hydrocarbons
Appearance | whitish pellets
Analytical Values
- Congealing point (°C) DIN ISO 2207 | 54 - 58
- Density at 20°C (g/cm³) DIN ISO 787 part 10 A | 0.9
Dosage (phr) | 2 - 6
German Food Legislation (BfR recommendation XXI) | approved
For Ozone Test at (°C) | 25 - 40
Supply Form | 25 kg in PE-bags
Storage Stability
- In originally sealed package in cool and dry places | min. 2 years
Behaviour and Effects
Controzon forms a flexible wax film on the surfaces of the vulcanizates and protects them from crack formation due to ozone attack under static conditions. Controzon acts as a carrier for chemical ozone protecting agents and antioxidants and improves their effectiveness. The addition of about 2 phr prevents the ozone attack known as the “frosting effect”. Supplied as pellets, Controzon is easy to handle and to weigh.
Application
Universal antiozonant wax for rubber articles based on NR, IR, SBR and CR, which are used at medium temperature, for those in contact to foodstuff too, e.g. moulded articles and extruded sections, microcellular rubber and conveyor belts.

Any technical consultation provided by us merely constitutes a guideline without any committal - even with regard to any third party’s rights - and will not dispense from the client’s examination of the products supplied by us. Processing operations, application and use of our products will be the client’s exclusive responsibility. We guarantee the faultless quality of our goods, as defined in our General Terms of Sale and Delivery.

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