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|--|---|---------|
| <b>Name</b>  | <b>Controzon Plus</b>                     |         |
| <b>Description</b>   | antiozonant wax                           |         |
| <b>Composition</b>   | selected<br>n/iso-paraffinic hydrocarbons |         |
| <b>Appearance</b>  | whitish pellets                           |         |
| <b>Analytical Values</b>   |   |         |
| Congealing point (°C)  | DIN ISO 2207                              | 66 - 70 |
| Density at 20°C (g/cm <sup>3</sup> )                               | DIN ISO 787 part 10 A                     | 0.9     |
| <b>Dosage</b> (phr)  | 2 - 12                                    |         |
| <b>German Food Legislation</b><br><b>(BgVV recommendation XXI)</b> | approved                                  |         |
| <b>For Ozone Test at (°C)</b>                                      | 40 - 50                                   |         |
| <b>Supply Form</b>   | 25 kg in PE-bags                          |         |
| <b>Storage Stability</b>   |   |         |
| In originally sealed package<br>in cool and dry places             | min. 2 years                              |         |

**Behaviour and Effects**

Controzon Plus 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 Plus acts as a carrier for chemical ozone protecting agents and anti-oxidants and improves their effectiveness. The addition of about 2 phr prevents the ozone attack known as the "frosting effect". Supplied as pellets, Controzon Plus is easy to handle and to weigh.

**Application**

For black articles based on NR, IR, SBR and CR, which are exposed to higher temperature, e.g. tires as well as conveyor belts, moulded articles and extruded sections, microcellular rubber (dosage up to 12 phr).

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