

# Controzon Plus

## Antiozonant Waxes

### Description

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. It 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 Plus is easy to handle and to weigh

### Composition

Selected n-/iso-paraffinic hydrocarbons

### Application

For rubber articles based on all common elastomers which are exposed to higher temperature e.g. moulded articles and extruded sections, microcellular rubber (dosage up to 12 phr) and conveyor belts, as well as for articles with food contact

### Dosage

2 – 6 phr

### Typical physical properties

		Unit
Colour	Whitish pellets	/
Congeaing point	62 - 68	°C
Density at 20°C	0.9	g/cm³

### Benefits

For ozone tests between 40°C and 50°C

BfR / FDA suitable

Medium molecular weight distribution

### Associated products

Controzon

Controzon W

Controzon S

### Storage

In originally sealed package in cool and dry places

Storage stability: min. 24 months

### Supply Form

25 kg in PE-bags

### German Food Legislation (BfR recommendation XXI)

Approved

### US Code of Federal Regulations, FDA – CFR Title 21, 177.2600

Listed

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