

Controzon W

Antiozonant Waxes



Description

Controzon W 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 W is easy to handle and to weigh

Composition

Selected n-/iso-paraffinic hydrocarbons

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, conveyor belts and in articles for food applications as well

Dosage

2 – 6 phr

Typical physical properties

		Unit
Colour	Whitish pellets	/
Congealing point	54 - 58	°C
Density at 20°C	0.9	g/cm ³

Benefits

For ozone tests between 25°C and 40°C
BfR / FDA suitable
Narrow molecular weight distribution

Associated products

Controzon
Controzon Plus
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

Version: 01/2022