

Controzon S

Antiozonant Waxes

Description

Controzon S 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 S is easy to handle and to weigh

Composition

Selected n-/iso-paraffinic hydrocarbons

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)

Dosage

2 – 6 phr

Typical physical properties

		Unit
Colour	White to light beige pellets	/
Congeeing point	61 - 67	°C
Density at 20°C	0.9	g/cm³

Benefits

For ozone tests between 40°C and 50°C

BfR / FDA suitable

Specific molecular weight distribution with components of higher molecular weight

Associated products

Controzon

Controzon W

Controzon Plus

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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