

## Antilux® 500

Anti-sun check waxes and  
antiozonants

### Function

Wax to protect rubber articles against cracking by ozone and weathering influences

### Product description

Composition:	Blend of selected paraffins and micro-waxes with medium-broad molecular weight distribution
Appearance:	white to yellowish flakes
Density, 20 °C:	0.91 g/cm <sup>3</sup>
Congearing point (ISO 2207):	53 - 58 °C
Physiological properties:	see safety data sheet

### Use

Mode of action:	Antilux 500, with its reduced solubility, migrates to the surface of the vulcanizates and forms there a complete protective film which remains stable at temperatures up to about 30 °C. The formation of the protective film takes place at a medium-fast rate. Antiozonants and antioxidants are carried to the surface of the vulcanizate by the migration of Antilux 500.
Processing:	The pastille form provides easier weighing and mixing. To ensure a good dispersion it is recommended to add Antilux 500 right at the beginning of the mixing cycle. The mixing temperature should exceed the melting point of the anti-check wax.
Dosage:	2-15 phr, depending on the type of compound
Applications:	Technical molded and extruded articles, microcellular rubber, cable jackets, which are used at moderate temperatures. Antilux 500 meets test specifications at ozone chamber temperatures of about 25 °C. The protection may be extended by means of blending with lower melting anticheck waxes.

### Packing

20 kg PE bags on 1040 kg skids

## Storage stability

If stored at temperatures of 25 °C max 1095 days from date of production; at higher temperatures caking may occur, which has no effect on the performance. For lower caking tendency Antilux 500 PE is available.

## Handling

For additional handling information on Antilux 500 please consult material safety data sheet.

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