

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 ³
Congearing point (ISO 2207):	54-56 °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.

Our technical advice - whether verbal, in writing or by way of trials - is given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. It does not release you from the obligation to test the products supplied by us as to their suitability for the intended processes and uses. The application, use and processing of the products are beyond our control and, therefore, entirely your own responsibility. Should, in spite of this, liability be established for any damage, it will be limited to the value of the goods delivered by us and used by you. We will, of course, provide products of consistent quality within the scope of our General Conditions of Sale and Delivery.



LANXESS Deutschland GmbH
Business Unit Rhein Chemie Additives
Kennedyplatz 1
D-50569 Cologne, Germany
www.rheinchemie-additives.com