

Antilux® 600

Anti-sun check waxes and
antiozonants

Function

Wax to protect rubber articles against ozone and weathering influences.

Product description

Composition:	Blend of selected paraffins and micro-waxes with narrow molecular weight distribution
Appearance:	light yellow pastilles
Density at 20 °C:	approx. 0.9 g/cm ³
Congeaing point (ISO 2207)	58-61 °C
Physiological properties:	see safety data sheet

Use

Mode of action:	Antilux 600, with its reduced solubility, migrates to the surface of the vulcanizates where it forms a complete protective film which remains stable at temperatures up to about 40 °C. The formation of the protective film takes place at a fast rate. Antiozonants and antioxidants are carried to the surface of the vulcanizate by the migration of Antilux 600.
Processing:	The pastille form provides easier weighing and mixing. To ensure a good dispersion it is recommended to add Antilux 600 right at the beginning of the mixing cycle. The mixing temperature should exceed the melting point of the anti-sun-check wax.
Dosage:	2-10 phr, depending on the type of compound
Application:	Technical molded and extruded articles, microcellular rubber and cable coverings which are used at medium high service temperatures. Antilux 600 meets test specifications at ozone chamber temperatures of about 35 °C. The protection may be extended by means of blending with higher melting Antilux grades.

Packing

20 kg PE bags on 1040 kg skid

Storage stability

If stored at temperatures up to 30 °C 1095 days from date of production; at higher temperatures caking may occur. This, however, does not influence the performance.

Handling

For additional handling information on Antilux 600 please consult current 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
Kennedyplatz 1
D-50569 Cologne, Germany
<http://rch.lanxess.com>