

Antilux® 550

Anti-sun check waxes and
antiozonants

Function

Anti-check wax to protect rubber articles against cracking caused by ozone and weathering influences

Product description

Composition:	Blend of selected paraffins and micro-waxes with narrow molecular weight distribution
Appearance:	light yellow pastilles
Density, 20 °C:	approx. 0,91 g/cm ³
Congearing point (ISO 2207):	56-60 °C
Physiological properties:	see safety data sheet

Use

Mode of action:	Antilux 550, with its reduced solubility, migrates to the surface of the vulcanizates and where it forms a complete protective film which remains stable at temperatures up to about 30 °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 550.
Processing:	The flake form provides easier weighing and mixing. To ensure a good dispersion it is recommended to add Antilux 550 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
Application:	Technical molded and extruded articles, profiles, microcellular rubber and cable coverings, which are used at moderate temperatures. Antilux 550 meets test specifications at ozone chamber temperatures of about 25 °C particularly when stored for a short time before testing. The protection may be extended by means of blending with Antilux grades with a higher melting point.

Packing

20 kg PE bags on 1040 kg skid

Storage stability

If stored at temperatures not exceeding 25 °C 1095 days from date of production; at higher temperatures caking may occur. This, however, has no effect on the performance.

Handling

For additional handling information on Antilux 550 please consult current safety data sheet.

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