

Antilux® 111

Anti-sun check waxes and
antiozonants

Function

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

Product description

Composition:	blend of selected paraffins and micro-waxes with broad molecular weight distribution
Appearance:	light green flakes
Density, 20 °C:	approx. 900 kg/m ³
Congearing point (ISO 2207):	64-67 °C
Physiological properties:	see safety data sheet

Use

Mode of action:	Antilux 111, 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 50 °C. The formation of the film takes place at a slow rate. The protective film shows an excellent stability against dynamic stress. Antilux 111 provides a most effective long term protection.
Processing:	The pastille form provides easier weighing and mixing. To ensure a good dispersion it is recommended to add Antilux 111 right at the beginning of the mixing cycle. The mixing temperature should exceed the melting point of the anti-check wax.
Dosage:	Tires: 1-4 phr, conveyor belts: 2-6 phr, other technical rubber articles < 10 phr, depending on type of compound
Application:	Tires and conveyor belts as well as technical rubber articles of all kinds which are used at higher service temperatures. Antilux 111 meets test specifications at ozone chamber temperatures of about 50 °C. The protection may be extended by means of blending with lower melting Antilux grades.

Packing

20 kg PE bags on 1040 kg skid

Storage stability

If stored at temperatures of 35 °C max 1095 days from date of production; at higher temperatures caking may occur, which has no effect on the performance, do not double stack.

Handling

For additional handling information on Antilux 111 please consult current safety data sheet.

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