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/cm³

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