

Antilux® 654

Ozonprotector

Function	Anti-check wax to protect rubber articles against caused 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:	approx. 0,92 g/cm ³
	Congeaing point (ISO 2207):	62 - 67°C
	Physiological properties:	see safety data sheet
Use		
Mode of action:	Antilux 654, with its reduced solubility, migrates to the surface of the vulcanizates and forms there a complete protective film which remains stable at temperatures from -10°C to about 50 °C. The formation of the protective film takes place at a medium-fast rate. The protective film shows an excellent stability against dynamic stress. Antiozonants and antioxidants are carried to the surface of the vulcanizate by the migration of Antilux 654.	
Processing:	The flake form provides easier weighing and mixing. To ensure a good dispersion it is recommended to add Antilux 654 right at the beginning of the mixing cycle. The mixing temperature should exceed the melting point of the anti-check wax.	
Dosage:	for tyres 1 - 4 phr; in other rubber up to 10 phr depending on the type of compound	
Application:	Tyres, conveyor belts, cable coverings as well as technical moulded and extruded articles (profiles) which are used at higher service temperatures. Antilux 654 meets test specifications at ozone chamber temperatures of about 45 °C. The protection may be extended by means of blending with lower melting Antilux grades.	
Packing	20 kg PE bags	
Storage stability	Unlimited, if stored at temperatures not exceeding 35°C; at higher temperatures caking may occur. This, however, has no effect on the performance.	
Handling	Consult material safety data sheet (MSDS) for additional handling information on Antilux 654.	

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 rely on 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.

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