Technical Data Sheet



H652

Rubber Protective Wax

Function	Anti-check wax to protect rubber articles against caused by ozone and weathering influences.	
Product description	Composition:	Mixture of fully refined paraffine wax and microwax with medium wide MWD
llee	Appearance: Density, 20 °C: Congealing point: Physiological properties:	white to yellowish flakes approx. 0,92 g/cm3 63 - 68°C see safety data sheet
Mode of action:	H652, 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 Rubber Protective Wax H652.	
Processing:	The flake form provides easier weighing and mixing. To ensure a good dispersion it is recommended to add H652 right at the beginning of the mixing cycle. The mixing temperature should exceed the melting point of the anticacking 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. H652 meets test specifications at ozone chamber temperatures of about 45 °C. The protection may be extended by means of blending with lower melting wax grades.	
Packing Storage stability	25 kg / bags 3 years, if stored at temperatures not exceeding 35°C; at higher temperatures caking may occur. This, however, has no effect on the performance.	