

LUBRICANTS FOR RUBBER

DEUREX®
THE WAX COMPANY

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All data are based on our current knowledge and inform about our products and their applications. There is no assurance for certain properties and their suitability for certain applications. The customer is responsible to care for the necessary safety measures and to ensure the appropriate handling of the product. Existing industrial property rights have to be considered. An unobjectionable quality is assured within the scope of our general terms and conditions. 07/19

LUBRICANTS AND OZONE PROTECTION WAXES FOR RUBBER

	DEUREX® E 11	DEUREX® E 06	DEUREX® T 15	DEUREX® T 16	DEUREX® T 17	DEUREX® T 18	DEUREX® X 52
	Low density homopolymere polyethylene wax	Short Carbon chain polyethylene wax	ISO-structured paraffin	Thoroughly designed N- and ISO paraffins	Thoroughly designed N- and ISO paraffins	Micro crystalline wax, linear structured wax	Natural sugar cane wax
APPLICATIONS	· Technical profiles	· Technical profiles	· Technical profiles · Microcellular rubber · Cable	· Tires · Conveyor belts · Cable · Microcellular rubber	· Technical profiles · Tires · Conveyor belts · Cable	· Applications with direct food contact	· BIO Rubber according to DIN EN 13432
BENEFITS	· Economic bestseller · Low viscous wax · Excellent lubrication	· Melts below 100°C · Does not bloom or bleed · Low viscous wax	· Protection against low temperature · Soft and flexible	· Protection against medium temperature · Average hardness · Compatible with antioxidants	· Protection against high temperature · Compatible with antioxidants	· Free-flowing prills · Approved for direct food contact · Compatible with antioxidants · Easy dosage	· BIO-Product · Average hardness · Provides silky matt gloss
PROPERTIES	· Lubricant · Improved mold flow and mold release	· Lubricant · Release agent · Low melting point	· Protection against ozone · Forms extremely thin protective wax film · Excellent migration behaviour	· Protection against ozone · Forms extremely thin protective wax film · Excellent migration behaviour	· Protection against ozone · Forms extremely thin protective wax film · Excellent migration behaviour	· Protection against ozone · Forms extremely thin protective wax film · Excellent migration behaviour	· Internal lubricant · Biodegradable · Excellent migration behaviour

- GENERAL BENEFITS OF DEUREX® WAXES**
- Easy incorporation
 - Long lasting
 - Excellent insulating properties
 - UV resistance
 - Avoid cracking
 - Weather resistance
 - Reduced production costs
 - Adjustment of viscosity



DROP POINT °C	110 - 120	90 - 99	47 - 55	55 - 65	68 - 78	80 - 85	78 - 82
CONGEALING POINT °C	95 - 106	80 - 92	48 - 54	56 - 62	68 - 74	75 - 80	72 - 80
VISCOSITY mPas	< 80	< 40	< 5	< 5	< 20	< 20	< 40
COLOUR	white (DEUREX® E 11 B = off-white for most economic products)	white	white	white	white	off-white	light yellow

DOSAGE (PHR): Depending on your application and requirement we recommend a dosage of 1 to 3 percent.

FORMS OF DELIVERY: Our products are available as granules (G), fine granules (K), powders (P), finest powders (A), micro-sized powders (M).