

KORASILON® ÖI AF 4

Short description	KORASILON® ÖI AF 4 is a non-reactive aminofunctional polydimethylsiloxane.								
Product properties	Characteristic is the very good storage stability in ready-to-use formulations.								
Processing	<p>KORASILON® ÖI AF 4 can be used as a water repellent in automatic car washes. The effect is based on the neutralization with organic or inorganic acids, which converts KORASILON® ÖI AF 4 into the cationic form with high absorption capacity. The tearing behaviour and the lustre of gloss-drying agents are improved if combined with cation-active emulsifiers and surfactants, without causing an unwanted product build-up in multiple applications.</p> <p>KORASILON® ÖI AF 4 is also used in paint preservatives and paint polishes to increase the gloss and the resistance to detergents. The amino functionality of KORASILON® ÖI AF 4 shows an excellent affinity for painted surfaces.</p>								
Product data*	<table><tr><td>Appearance</td><td>: clear liquid</td></tr><tr><td>Viscosity at 25 °C in mm²/s</td><td>: ca. 25</td></tr><tr><td>Amine value in mmol/g</td><td>: ca. 1.3</td></tr><tr><td>Refractive index</td><td>: 1.4105</td></tr></table>	Appearance	: clear liquid	Viscosity at 25 °C in mm ² /s	: ca. 25	Amine value in mmol/g	: ca. 1.3	Refractive index	: 1.4105
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Storage	<p>KORASI KORASILON® ÖI AF 4 has a shelf life of 24 months after date of manufacturing when correctly stored in its original unopened container at storage temperatures between +5 °C and +40 °C.</p> <p>Storage beyond to the period indicated on the product label does not automatically mean that the product is unusable. However, an inspection of the property values necessary for the intended use is essential due to quality assurance reasons.</p>								

Further information on product safety and handling is given in the Material Safety Data Sheet.

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Our products are sold in accordance with our General Conditions of Sale and Delivery; this is not valid for our trial products

*Informative properties not intended to be used as product specification

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