

KORASILON® ÖI AF 2

Short description	KORASILON® ÖI AF 2 is a reactive amino functional polydimethylsiloxane.								
Product properties	KORASILON® ÖI AF 2 characteristic is a very good affinity on different substrate surfaces in ready-to-use formulations.								
Application	<p>KORASILON® ÖI AF 2 is used in paint preservatives and in paint polishes, both solvent and emulsions based. With suitable formulation, the desired effects, such as gloss, colour depth and detergent resistance, can be achieved without sacrificing polishability. By using acid wax, for example, KORASILON® ÖI AF 2 shows an excellent affinity to lacquer surfaces, thereby achieving increased detergent strength.</p> <p>KORASILON® ÖI AF 2 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 2 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>								
Technical data*	<table><tr><td>Appearance</td><td>: clear liquid</td></tr><tr><td>Viscosity at 25 °C in mm²/s</td><td>: approx. 35</td></tr><tr><td>Amine value in mmol/g</td><td>: approx. 1.4</td></tr><tr><td>Refractive index</td><td>: approx. 1,4118</td></tr></table>	Appearance	: clear liquid	Viscosity at 25 °C in mm ² /s	: approx. 35	Amine value in mmol/g	: approx. 1.4	Refractive index	: approx. 1,4118
Appearance	: clear liquid								
Viscosity at 25 °C in mm ² /s	: approx. 35								
Amine value in mmol/g	: approx. 1.4								
Refractive index	: approx. 1,4118								
Storage	<p>KORASILON® ÖI AF 2 has a shelf life of 6 months when stored between +5 °C and +40 °C in the tightly closed original container.</p> <p>Storage beyond this period does not necessarily mean that the product is no longer usable. However, the properties required for the intended use must be checked for quality assurance reasons.</p>								

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

This information and our technical advice – whether verbal, in writing or by way of trials – are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to check its validity and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. 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

**Kurt Obermeier GmbH, Berghäuser Str. 70, D-57319 Bad Berleburg, Germany Tel.: +49 (0)2751/524-0,
Fax.: +49 (0)2751/5041, email: info@obermeier.de www.obermeier.de**