

Overview of Electromobility, Hydrogen, Energy, Power-to-X




KORASILON-Products

		KORASILON-Products								
		<u>Fluids M</u>	<u>Fluids AM</u>	<u>Fluids TI</u>	<u>Fluids G</u>	<u>Fluid MKI 50</u>	<u>Pastes M-S</u>	<u>Paste AA-S</u>	<u>Paste P-S</u>	<u>Paste M-B</u>
Fields of applications	Shock absorption for batteries, electrical components, sensitive components, etc.	●	○	-	-	-	-	-	-	●
	Non-conductive insulating fluids for electrical installations, e. g. transformers	○	○	○	-	●	-	-	-	-
	Barrier/locking media with liquid consistency (fluid) and insulating properties	●	●	●	○	●	-	-	-	-
	Barrier/locking media with pasty consistency (non-flowing) and insulating properties	-	-	-	-	-	●	●	●	-
	Heat transfer media for batteries, electrical systems and charging technology (high temperature range)	○	●	-	-	○	-	-	-	-
	Cold transfer media for batteries, electrical systems and charging technology (low temperature range)	○	○	●	-	○	-	-	-	-
	Assembly aids with particularly pronounced sliding properties for a wide range of materials	○	○	-	●	-	○	○	○	○
	Assembly aids for various materials, including electrical components	●	●	-	●	-	●	●	●	-
	Assembly aids for materials made of silicone rubber which must not swell	-	●	-	-	-	-	●	●	-

Use of the products in the application case:	● Especially recommended	○ Recommended	- Not recommended
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		KORASILON- & Trade products								
		<u>Silica sols</u>	<u>Molecular-sieves</u>	<u>Ion exchanger</u>	<u>Activated carbons</u>	<u>Bayhibit</u>	<u>Baypure</u>	<u>Alkyl-phosphate</u>	<u>Defoamer</u>	<u>Release agents</u>
Fields of applications	Treatment of supply or exhaust air (removal of water or other disturbing substances)	-	●	-	●	-	-	-	-	-
	Water treatment (removal of salts, other disturbing compounds or water hardness)	-	-	●	●	●	●	-	-	-
	Waste water purification (removal of heavy metals or other substances)	-	-	●	●	○	○	-	●	-
	Recycling of battery materials (recovery of metals from waste materials)	-	-	●	-	-	-	●	-	-
	Adsorption of water or other disturbing impurities from liquids or gases	-	●	-	○	-	-	-	-	-
	Adsorption of impurities from hydrogen	-	●	-	○	-	-	-	-	-
	Adsorption of carbon dioxide from material streams or impurities from carbon dioxide	-	●	-	○	-	-	-	-	-
	Manufacture of metal or plastic components (deforming processes, metalworking)	-	-	-	-	-	-	○	○	●
	Gelation of battery electrolytes (acid electrolytes)	●	-	-	-	-	-	-	-	-
Use of the products in the application case:		●	Especially recommended		○	Recommended		-	Not recommended	