

SiwoPUD-[®] Z501

Characteristics:	Aqueous, aliphatic polyurethane dispersion based on polyether diol.	
Supplied as:	50% in water	
Physical characteristics:	Appearance	Translucence-white
	Non-volatile constituent	50±1%
	PH value	7.0 - 9.5
	Viscosity	≤1000mPa·s
	NMP, NEP, DMAC	Free
	Elongation	1600-1700%
	Tensile strength	24.6Mpa
	100%Modulus	1.5Mpa
	Shear stability	good
	Dry	Fast
	Yellowing resistance	non- yellowing
Storage:	The dispersion should be stored in a frost-free place in tightly sealed containers. It contains no preservative.	
Application:	Cost-effective. Its film is soft, and has excellent ductility, excellent alkali resistance and good washable fastness . It can be used in fabric printing, leather coating, etc.	

It does not contain Restricted Substances and Declarable Substances in EU such as organotin compounds, heavy metals, formaldehyde, etc. It can be added aziridine crosslinker and water-dispersible polyisocyanate crosslinker to further improve its performance.

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