

SiwoPUD-990F[®]

Characteristics:	Aqueous, aliphatic polyurethane dispersion based on polycarbonate.	
Supplied as:	45% in water	
Physical characteristics:	Appearance	Translucence-white
	Non-volatile constituent	45±1 %
	PH value	7.0 - 9.5
	Viscosity	≤350mPa s
	Glass transition temperature Tg	-25℃
	NMP, NEP, DMAC	Free
	Elongation	550-650%
	Tensile strength	28.1Mpa
	100%Modulus	3.5Mpa
	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:	Its coating film exhibits high gloss, excellent water resistance, excellent abrasion resistance, excellent light fastness and excellent hydrolysis resistance and good NaOH resistance. Its film has better fullness and thickness. Recommended applications: wall paint, industrial paint, plastics, rubber, and textile thick coatings. It does not contain organotin compounds, heavy metals, formaldehyde, etc. It can be added nitrogen pyridine crosslinker and water-dispersible polyisocyanate crosslinker to further improve the washing fastness.	

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