

SiwoPUD[®]-994F

Characteristics: Aqueous, aliphatic polyurethane dispersion based on entirely polycarbonate.

Supplied as: 35% in water

Physical characteristics:	Appearance	Translucence-white
	Non-volatile constituent	35±1 %
	PH value	7.0 - 9.5
	Viscosity	≤300mPa s
	Glass transition temperature Tg	-25℃
	NMP, NEP, DMAC	Free
	Elongation	350-450%
	Tensile strength	49.6Mpa
	100%Modulus	10.6Mpa
	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 excellent water resistance, adhesion, abrasion resistance, light fastness, and hydrolysis resistance. Suitable for leather, paper, rubber, plastic substrates and building coatings, industrial coatings etc.

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 properties.

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