

SiwoPUD[®]-5060

Characteristics: Aqueous, aliphatic polyurethane dispersion based on polyester.

Supplied as: 60% in water

Physical characteristics:	Appearance	Translucence-white
	Non-volatile constituent	58-61 %
	PH value	6.5 - 9.5
	Viscosity	≤2000mPa·s
	NMP, NEP, DMAC	Free
	Elongation	1700-1800%
	Tensile strength	22.5Mpa
	100%Modulus	1.4Mpa
	Dry	Fast
	Shear stability	good
	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 film has good mechanical properties, such as soft film, good elasticity and high elongation. It has weather resistance, water resistance and wear resistance. Suitable for fabric thick coatings, elastic coatings and other applications.

It does not contain organotin compounds, heavy metals, formaldehyde, and other prohibited substances etc. It can be added aziridine crosslinker and water-dispersible polyisocyanate crosslinker to further improve its performance.

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