

SiwoPUD-2580[®]

Characteristics: Aqueous, aliphatic polyurethane dispersion based.

Supplied as: 60% in water

Physical characteristics:	Appearance	Translucence-white
	Non-volatile constituent	58-61 %
	PH value	6.0 - 9.0
	Viscosity	≤1000mPa·s
	NMP, NEP, DMAC	Free
	Elongation	1900-2000%
	Tensile strength	25.7Mpa
	100%Modulus	0.73Mpa
	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: High solid polyurethane dispersion. Its film is soft handle with a high elongation and elasticity. The product has excellent water resistance, alkali resistance, and good aging resistance and durability. It is suitable for the preparation of textile coatings and other elastic coatings, which can be applied to the following items: outerwear, bags, suitcases, and elastomeric construction coatings.

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

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