

## **SiwoPUD<sup>®</sup>-3060**

**Characteristics:** Aqueous, aliphatic polyurethane dispersion based on polycarbonate diol.

**Supplied as:** 60% in water

<b>Physical characteristics:</b>	Appearance	Translucence-white
	Non-volatile constituent	58-61 %
	PH value	6.0 - 8.0
	Viscosity	≤500mPa s
	NMP, NEP, DMAC	Free
	Elongation	780%
	Tensile strength	31.8Mpa
	100%Modulus	1.94Mpa
	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:** High solid polyurethane dispersion. It has excellent UV resistance, weather resistance, water resistance, wear resistance, and excellent mechanical properties, such as elasticity, tensile strength, elongation, etc. Suitable for elastic construction coatings, and thick coating printing on the fabric because of its excellent screen printing performance.

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 its performance.

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