

## SiwoPUD-808F<sup>®</sup>

**Characteristics:** Aqueous, aliphatic polyurethane dispersion based on polyether.

**Supplied as:** 40% in water

<b>Physical characteristics:</b>	Appearance	Translucence
	Non-volatile constituent	40±1 %
	PH value	7.5 - 9.5
	Viscosity	≤300 mPa s
	Mean particle size	≤100 nm
	NMP, NEP, DMAC	Free
	Glass transition temperature Tg	-25°C
	Elongation	850-950%
	Tensile strength	35.0Mpa
	100%Modulus	2.5 Mpa
	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 coating film exhibits good softness, excellent resilience, excellent alkali resistance, and excellent low temperature folding resistance. It is especially suitable for textile printing, synthetic leather base and printing 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 washing fastness.

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