

## SiwoPUD-805H<sup>®</sup>

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

**Supplied as:** 35% in water

<b>Physical characteristics:</b>	Appearance	Translucence
	Non-volatile constituent	35 ±1 %
	PH value	7.0 - 9.5
	Viscosity	≤100 mPa s
	Mean particle size	≤100 nm
	Organic solvent	5%
	Glass transition temperature Tg	-25°C
	Elongation	650-750%
	Tensile strength	40.1 Mpa
	100%Modulus	5.5 Mpa
	Shear stability	good
	Dry/touch	≤30min
	Dry/through	≤60min
	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 softness, excellent resilience, excellent water resistance, and low temperature resistance. It can be used for fabric printing and coating. It has good washing fastness. It does not contain organotin compounds, heavy metals, formaldehyde, etc. It can be added nitrogen pyridine crosslinker and water-dispersible polyisocyanate crosslinker (such as the EC-600, etc.) to further improve the washing fastness.

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