

## SiwoPUD<sup>®</sup> - 805F

**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	≤200 mPa s
	Mean particle size	≤100 nm
	NMP, NEP, DMAC	Free
	Glass transition temperature Tg	-30°C
	Elongation	1100-1200%
	Tensile strength	35.4Mpa
	100%Modulus	1.76 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:** The film is soft, with excellent resilience, excellent alkali resistance and water fastness, good folding resistance at low temperature and high peel strength. It can be used for fabric printing, and leather coating, 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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